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Also in parentheses at the end of each group of key words will be found the name of the first author, the volume and the first page number of the article. The full published title and co-authors of an article can be found by consulting the relevant entry for the first author in the Author index.

The editors and publishers welcome any comments on the usefulness of this index, together with suggestions for improvements.

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Absence model (in rats)
Ethosuximide; Valproate; Tolerance (Wahle, H. (181) 1)

Abstinence
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Morphine; Tolerance-dependence; DAMGO ([D-Ala^2, $MePhe^4$,Gly^5-ol]enkephalin); B_{max} (maximal binding capacity); K_d (apparent dissociation constant); Brain regions; Spinal cord (Bhargava, H.N. (190) 305)

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Neuroeffector transmission; Excitatory junction potential; Vas deferens (Takeda, R. (186) 197)

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^{125}I-ANF-(99-128); Thiorphan; Kelatorphan; Peptidase inhibitors; Captopril (Gros, C. (179) 45)

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* There are no key words in Volume 183 (Communications of the XIth International Congress of Pharmacology, Amsterdam, July 1–6, 1990).

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N-Acetyltransferase
Melatonin; N-Acetylserotonin; 5-HT precursors; Indole metabolism; Pineal gland (Ferretti, C. (187) 345)

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Acini (rat)
Bombesin/gastrin-releasing peptides; Bombesin receptor agonists; Bombesin receptor antagonists; Acini (guinea-pig) (Coy, D. (190) 31)

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Adenosine A_2 receptors
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β_2-Adrenoceptors
β_1-Adrenoceptors; Chronic treatment; Ventricle (isolated); Skeletal muscle; ^{125}I-Cyanopindolol; Adenylate cyclase; (Antagonists) (Elfellah, M.S. (173) 85)

β_1-Adrenoceptors; Left ventricle; Gastrocnemius muscle; ^{125}I-Cyanopindolol; Adenylate cyclase; Desensitization (Elfellah, M.S. (182) 387)

Uterine-smooth muscle; Forskolin; Isoprenaline; Ovarian steroids; Pregnancy (Hall, S. (184) 33)

α-Adrenoceptors (central)
Digastricus muscle (anterior); 5-HT receptors (central); (In vivo pharmacological test) (Rawlow, A. (191) 263)

α-Adrenoceptors (CNS)
Tonic electrodermal activity; Prazosin; Yohimbine; Monoamine depletion; Spinal cord; Sudomotor mechanisms (Koss, M.C. (182) 381)

β_2/β_1-Adrenoceptor selectivity ratio
Trimetoquinol; Thromboxane A_2 antagonism; 1-Benzyl substituted analogues (Shams, G. (184) 21)

α_1-Adrenoceptors (facilitatory)
Phrenic nerve; [^{3}H]Acetylcholine release; Prazosin; β-Adrenoceptors (Wessler, I. (174) 77)

α_2-Adrenoceptors (platelet)
Platelets; Levodopa; [^{3}H]Yohimbine (Durrieu, G. (182) 597)

α-Adrenoceptors (prejunctional)
Pertussis toxin; Noradrenaline release; Kidney (Murphy, T.V. (179) 435)

α_1-Adrenoceptor subtypes
α_1-Adrenoceptors; Chlorethylclonidine; Receptor alkylation; (Receptors) (Piascik, M.T. (180) 381)

α_1-Adrenoceptors; Blood pressure (arterial); (Arterial blood pressure regulation) (Piascik, M.T. (186) 273)

[^{125}I]HEAT ([^{125}I]BE 2254); Hippocampus; (Guinea-pig); (Calf); (Human); (Pig) (Hoyer, D. (188) 9)

β-Adrenoceptor subtypes
Agonist-induced regulation; Myocardium (rat); Isoprenaline (Lu, X. (182) 481)

Aequorin-loaded platelets
Aggregation; Ca^{2+} movements; ADP; Adrenaline; Cloriczomene (Del Maschio, A. (187) 541)

AF-DX 116
Aspartic acid release; Muscarinic M_2 receptors; Hippocampus (rat); Synaptosomes (superfused) (Raiteri, M. (177) 181)

Gastric parietal cells; Pirenzepine; Muscarinic acetylcholine receptors (Kajimura, M. (178) 59)

Acetylcholine release; Striatum; Atropine; Pirenzepine; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine) (De Boer, P. (179) 167)

Afferent neurons (primary)
Capsaicin; Ruthenium red (Amann, R. (186) 169)

Afterhyperpolarization
Hippocampus; trans-ACPD (trans-1-aminocyclopentyl-1,3-dicarboxylate); Phorbol ester; Pertussis toxin; (Intracellular recording) (Stratton, K.R. (186) 357)

Age
α_1-Adrenoceptors; Smooth muscle (vascular); G-proteins; Contraction; Phorbol ester (Jagadeesh, G. (189) 11)

Aggregation
Aequorin-loaded platelets; Ca^{2+} movements; ADP; Adrenaline; Cloriczomene (Del Maschio, A. (187) 541)

Aggression (offensive)
Eltoprazine; 5-HT_1 receptors; Autoradiography (Sijbesma, H. (177) 55)

Eltoprazine; 5-HT_1 receptor subtypes; Guanine nucleotides; Autoradiography (quantitative) (Sijbesma, H. (187) 209)

Aging
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); MPP^+ (1-methyl-4-phenylpyridine); Substantia nigra; Circling behaviour; (Supersensitivity) (Lange, K.W. (175) 57)

Sexual behaviour (male); Oxytocin; Sexual decline; (Rat) (Arletti, R. (179) 377)

DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine); MAO B inhibition; Deprenyl; Neurotoxicity (mechanisms); Parkinson's disease (Finnegan, K.T. (184) 119)

Heart (rat); Phosphoinositide (PI) hydrolysis; Endothelins; Sarafotoxins; (Receptor) (Galron, R. (188) 85)

β-Adrenoceptors; Kidney (rat); Adenylate cyclase (Vanscheeuwijck, P. (188) 129)

Protein kinase C; Blood vessel; Contraction; Phorbol ester; (Fischer 344 rat) (Johnson, M.D. (189) 405)

Agonist dissociation constant
β-Adrenoceptors; Vas deferens (rat); Functional antagonism; Efficacy (relative) (Diaz-Toledo, A. (191) 157)

Agonist-induced contractions
Arterial tissue; Venous tissue; Potential-operated channels (POC); Receptor-operated channels (ROC); Cations; K^+-induced contractions (Gouw, M.A.M. (185) 147)

Agonist-induced regulation
β-Adrenoceptor subtypes; Myocardium (rat); Isoprenaline (Lu, X. (182) 481)

Agonists
Drug discrimination; Flumazenil; Benzodiazepines; (Inverse agonists); (Rat) (Woudenberg, F. (178) 29)

Airway epithelium
Endothelin; Bronchi (guinea-pig); Indomethacin; Aorta (rat); Endothelin receptors (Maggi, C.A. (176) 1)

Airway hyperresponsiveness
Thromboxane synthetase inhibitor; Thromboxane A_2; FMLP (formyl-methionyl-leucyl-phenylalanine); PAF (platelet-activating factor, PAF-acether); Antigen (Komatsu, H. (184) 87)

Airway mucosa
Epithelium-derived relaxing factor (EpDRF); Trachealis (canine); Acetylcholine; Histamine (Manning, P.J. (178) 85)

Airway responsiveness
Capsaicin; Histamine; Substance P; Methacholine; Vagal stimulation (Biggs, D.F. (175) 29)

Airways (dog)
Ion transport; Cl^- secretion; Loperamide; Epithelium (Tamaoki, J. (190) 255)

Airways (guinea-pig)
Capsaicin; Non-adrenergic, non-cholinergic (NANC) responses (inhibitory) (Stretton, C.D. (184) 333)

(+)-AJ 76
Dopamine release; Microdialysis; Ca^{2+} dependence; d-Amphetamine; (Rat) (Waters, N. (187) 425)

Albumin
Platelet-activating factor (PAF); Kidney; Vasodilatation (Gerkens, J.F. (177) 119)

Alcohol withdrawal
Ethanol; Seizures; NMDA (N-methyl-D-aspartate); MK-801; Excitatory amino acid (Morrisett, R.A. (176) 103)

Aldosterone
Glomerulosa cells; Angiotensin II receptors; Phospholipase C; Inositol phosphate; Adrenal cortex (Boulay, G. (189) 267)

Aliphatic alcohols
NMDA receptors; Ethanol; Cerebral cortex (rat); Noradrenaline release (Fink, K. (191) 225)

Alkaline phosphatase
Adenylate cyclase; β-Adrenoceptor desensitization; Reticulocytes; (Rat) (Yamashita, A. (188) 229)

Allergic conjunctivitis
Leukotriene D_4 receptor antagonists; MK-571; Leukotriene D_4; PAF (platelet-activating factor, PAF-acether) (Chan, C.-C. (191) 273)

Allergic rhinitis
Blood flow; Bradykinin; Nasal mucosa; (Nasal airway resistance, Nasal secretions) (Holmberg, K. (175) 35)

Allosteric effects
Muscarinic receptor subtypes; Gallamine; Methoctramine (Michel, A.D. (182) 335)

Allosteric interaction
Himbacine; Muscarinic receptors; Heart; Cardioselective agents (Lee, N.H. (179) 225)

(+)-N-Allylnormetazocine
MK-801; Phencyclidine; Ketamine; (+)-Pentazocine; DTG (1,3-di(2-[5-^{3}H]tolyl)guanidine; Memory; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-n-propylpiperidine) (Jones, K.W. (179) 97)

Alpidem
Reticulata cells (rat); Single neurons activity; Zolpidem; Benzodiazepine receptor subtypes (type I, type II) (Mereu, G. (179) 339)

Alveolar macrophages
cAMP; Adenylate cyclase; Inflammatory mediators; β-Adrenoceptor agonists; Histamine (Beusenberg, F.D. (174) 33)

AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid)
Excitatory amino acid; NMDA receptors; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; Quinolinic acid; Neurotoxicity (Madsen, U. (189) 381)

Amiloride
Atrial natriuretic factor (ANF); ANF receptor; Particulate guanylate cyclase; Cyclic GMP (Ivanova, K. (189) 317)

Verapamil; Bepridil; Mg^{2+}; Na^+-Ca^{2+} exchange; Coronary artery (Maseki, T. (190) 355)

[^{3}H]p-Aminoclonidine
Clonidine-displacing substance (CDS); Clonidine; Imidazole binding sites; (Radioligand binding) (Ernsberger, P. (174) 135)

Aminoglutethimide
Aromatase inhibitors; Central nervous system (CNS) tolerance; Central side effects; (Mouse) (Ahmad, B. (182) 237)

Aminoglycosides
Adenosine 3′,5′-cyclic monophosphate; [Arg^8]vasopressin (AVP); Collecting tubule; Henle's loop (thick ascending limb of) (Kidwell, D. (191) 489)

Amino-nitrogen (plasma)
Thromboxane A_2; Myocardial depressant factor; Thromboxane B_2 (plasma); Cathepsin D activity (Karasawa, A. (182) 1)

Aminooxyacetic acid
Ethanol; GABA (γ-aminobutyric acid); Bicuculline; Gabaculine; (Mouse) (Hinko, C.N. (182) 261)

Aminophylline
Electroshock (maximal); Ca^{2+} channel inhibitors; Antiepileptics; Seizures (Czuczwar, S.J. (176) 75)

4-Aminopyridine
Intestine; Neuropeptide Y (NPY); Atropine- and tetrodotoxin-resistant contraction; (Rabbit) (Cheng, J.-T. (174) 1)

Dihydropyridines; Ca^{2+}; Hippocampus; Limbic seizures; Wet-dog shakes (Fragoso-Veloz, J. (178) 275)

Amygdala; NMDA receptors; Brain slices (Gean, P.-W. (184) 213)

[^{14}C]Aminopyrine accumulation
IT-066; Histamine H_2 receptor antagonists; Gastric mucosal cell (Isobe, Y. (178) 343)

Aminotetralin
N-0437; Dopamine DA_2 receptor agonists; Nictitating membrane (cat); (Enantiomers) (Crosson, C.E. (178) 351)

Amitriptyline
Pinocytosis; Blood-brain barrier (Sarmento, A. (176) 69)

Ammonium
GABA (γ-aminobutyric acid); Glycine; Optic tectum; Penicillin; Cl^- transport; Excitatory synaptic transmission (Mazda, G.Y. (179) 111)

cAMP
Alveolar macrophages; Adenylate cyclase; Inflammatory mediators; β-Adrenoceptor agonists; Histamine (Beusenberg, F.D. (174) 33)

Lithium; cGMP; Phosphodiesterase; Yin-Yang hypothesis; Physostigmine (Harvey, B. (175) 129)

Caffeine; Forskolin; Cortex; (Rat) (Mante, S. (175) 203)

α-Adrenoceptors; Cerebral cortex (rat); Norepinephrine; Yohimbine; Clonidine (Kuno, N. (176) 281)

α-Adrenoceptors; β-Adrenoceptors; Sympathetic nerve stimulation; Tail artery (rat) (Rajanayagam, M.A.S. (177) 35)

ANF (atrial natriuretic factor); Nitroprusside (sodium); cGMP; Peritoneal macrophages (human) (Houdijk, A.P. (179) 413)

Opioids; Ileum (guinea-pig) (Johnson, S.M. (180) 331)

5-HT (5-hydroxytryptamine, serotonin); Intestinal secretion; Phorbol ester; Prostaglandins (Beubler, E. (182) 543)

Mesenteric artery; Sympathetic neurotransmission; cGMP; (Dog) (Greenberg, S.S. (187) 409)

Insulin; β-Adrenoceptors; Mononuclear leukocytes (Sager, G. (188) 243)

Protein kinase C; Phorbol ester; [^{3}H]Phorbol 12,13-dibutyrate binding; Protein kinase C; Translocation; Adenosine (Nordstedt, C. (188) 349)

Muscarinic receptors; Inositol monophosphate; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Nitroprusside; Isoprenaline; cGMP; Smooth muscle; Aorta (rat) (Maurice, D.H. (191) 471)

AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)-propionic acid)
Quisqualate; Kynurenate; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Retinal ganglion cell; Excitatory amino acid (Aizenman, E. (174) 9)

CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Quisqualate; Epilepsy; NMDA receptor antagonists; (Epileptic chickens) (Pedder, S.C.J. (175) 85)

NMDA (N-methyl-D-aspartate); Kainate; Quisqualate; Excitatory amino acid; CGS19755; LY233053; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

β-N-Methylamino-alanine (BMAA); NMDA (N-methyl-D-aspartate); Kainate; Epilepsy; Amyotrophic lateral sclerosis (Smith, S.E. (187) 131)

AMPA receptors
Excitatory amino acid; NMDA receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Quinolinic acid; Neurotoxicity (Madsen, U. (189) 381)

Amphetamine
Dopamine; Dopamine autoreceptors; Substantia nigra; Apomorphine; Antipsychotics; Haloperidol; (Somatodendritic) (Piercey, M.F. (182) 219)

Cocaine; Dopamine; Ca^{2+} channels; Dihydropyridines; Microdialysis; Locomotor activity (Pani, L. (190) 217)

MDMA (3,4-methylenedioxymethamphetamine); Chloral hydrate (Schmidt, C.J. (191) 213)

Ascorbate; GBR 12909; Neostriatum; Quinpirole; SK&F 38393; Voltammetry (in vivo) (Pierce, R.C. (191) 295)

d-Amphetamine
Dopamine release; Microdialysis; Ca^{2+} dependence; (+)-AJ 76; (Rat) (Waters, N. (187) 425)

Amphiphiles
Skeletal muscle (mammalian); Denervation; Ca^{2+} binding sites; (Contraction) (Léoty, C. (174) 91)

Amphotericin B
Adenosine receptor antagonists (Kuan, C.-J. (178) 285)

Amygdala
Kindling; Benzodiazepines; F1933; Epilepsy; (Rat) (Lerner-Natoli, M. (182) 161)

4-Aminopyridine; NMDA receptors; Brain slices (Gean, P.-W. (184) 213)

Amylase secretion
Cholecystokinin (CCK) analogues; Dopamine; Turning behaviour; (Binding) (Mendre, C. (186) 213)

Amyotrophic lateral sclerosis
β-N-Methylamino-alanine (BMAA); NMDA (N-methyl-D-aspartate); Kainate; AMPA (RS-α-amino-3-hydroxy-5-methyl-4-isoxazole propionate); Epilepsy (Smith, S.E. (187) 131)

Analgesia
Morphine; Hyperthermia; Tolerance; MR 2266; MR 2267; κ Opiate receptor antagonists; (Stereospecificity) (Bhargava, H.N. (173) 159)

[Met^5]enkephalin antibody; β-Endorphin; Morphine; Antinociception; Tail-flick response; Hot-plate response (Tseng, L.L.F. (173) 171)

Nitrous oxide; Opioid receptors; Narcotic antagonists (Quock, R.M. (175) 97)

Seizures; Opioid receptors; Morphine; Intrathecal administration; (Non-opioid effects) (Yoburn, B.C. (176) 63)

Hot plate test; Tail-flick test; Writhing test; Naloxone blockade (Domer, F. (177) 127)

Antidiarrheals; Gastrointestinal propulsion; Opioids; Gut motility; Gut selectivity; (In vivo); (Rat) (Megens, A.A.H.P. (178) 357)

Medetomidine; Atipamezole; Cocaine; Formalin test; Tail-flick test; Mechanical pain; (Rat) (Pertovaara, A. (179) 323)

Tifluadom; CCK (cholecystokinin) (Gericke, M. (180) 187)

Ketoprofen; Central nervous system (CNS); Thalamic neurons; Arthritic rats; (Intraventricular injection) (Braga, P.C. (184) 273)

Naltrexamine bivalent ligands; μ-Opioid receptor antagonists; Antinociception; (Long acting) (Takemori, A.E. (186) 285)

U-50,488H; WIN 44,441-3; κ Opioid receptors; Dorsal horn cells; Noxious stimulation (Hernández, A. (186) 323)

Formalin test; Pain; U-50,488H; Naloxone; WIN 44,441-3; κ Opioid receptors; Spinal cord (Pelissier, T. (190) 287)

Analgesia (defeat)
MDL 72832; 5-HT_{1A} receptor agonists; Nociception (basal); (Stereospecificity); (Mouse) (Rodgers, R.J. (182) 581)

Analgesia (peripheral)
Acetylcholine analgesia; Nitric oxide (NO); cGMP (Duarte, I.D.G. (186) 289)

Analgesic activity
Prostaglandin synthesis inhibition; Cyclooxygenase; Brain (Ferrari, R.A. (179) 25)

Anaphylaxis
β-Adrenoceptors; Adrenergic system; Eicosanoids (Daffonchio, L. (178) 21)

Anesthesia antagonists
Ro15-4513; Ro15-1788; β-CCE (ethyl-β-carboline-3-carboxylate); Methoxyflurane; (Rat) (Miller, D.W. (173) 1)

Anesthesia mechanisms
Acetylcholine; Halothane; Isoflurane; Voltage clamp technique (Sokoll, M.D. (173) 27)

Anesthetics (local)
Antiepileptics; Na spikes; Ca spikes; Axons (non-myelinated) (Elliott, P. (175) 155)

Guanidinium ion; Na^+; Na^+ channel (Reith, M.E.A. (188) 33)

Anesthetics (volatile)
Halothane; Dopamine receptors; Dopamine D_2 receptors; Parkinson's disease (Segal, I.S. (186) 9)

A10 neurons
Fenfluramine; Dorsal raphe; Locus coeruleus (Scuvée-Moreau, J. (179) 211)

^{125}I-ANF-(99-128)
Acetorphan; Thiorphan; Kelatorphan; Peptidase inhibitors; Captopril (Gros, C. (179) 45)

ANF (atrial natriuretic factor)
Thiorphan; Acetorphan; Spontaneously hypertensive rats (SHR); Volume loading (Bralet, J. (179) 57)

Nitroprusside (sodium); cGMP; cAMP; Peritoneal macrophages (human) (Houdijk, A.P. (179) 413)

Protein kinase C; Atriopeptin III; Smooth muscle (vascular) (Sauro, M.D. (180) 373)

Atrial peptides; Nitroglycerine; Vascular sensitivity (De León, H. (182) 171)

Guanylate cyclase; Caged ATP; ATP (Chang, C.-H. (189) 111)

Guanylate cyclase; ATP; ADP (Chang, C.-H. (189) 293)

Amiloride; ANF receptor; Particulate guanylate cyclase; Cyclic GMP (Ivanova, K. (189) 317)

EDRF (release of); Endothelium-dependent relaxation; Nitric oxide (NO); Atherosclerosis (experimental); Hypercholesterolemia (Verbeuren, T.J. (191) 173)

ANF immunoreactivity (plasma)
Sinorphan; Enkephalinase (EC 3.4.24.11) (plasma); Retorphan (Lecomte, J.-M. (179) 65)

ANF receptor
Amiloride; Atrial natriuretic factor (ANF); Particulate guanylate cyclase; Cyclic GMP (Ivanova, K. (189) 317)

Angiotensin-converting enzyme inhibitors
Perindopril; Learned helplessness; (Rat) (Martin, P. (187) 165)

Angiotensin I
Angiotensin II; Neurotransmission (inhibition of); Ear artery (rabbit, isolated); Captopril; [Sar^1,Val^5,Ala^8]angiotensin II (Rónai, A.Z. (179) 281)

Angiotensin I-converting enzyme inhibition
Bradykinin; Captopril; Kinins; Lisinopril; Prostacyclin (PGI_2) (Hoffmann, G. (178) 79)

Angiotensin II
Angiotensin I; Neurotransmission (inhibition of); Ear artery (rabbit, isolated); Captopril; [Sar^1,Val^5,Ala^8]angiotensin II (Rónai, A.Z. (179) 281)

Vascular endothelium; Basilar artery; Mesenteric artery (Yen, M.-H. (180) 209)

Renin-angiotensin system; Vascular tissue; Captopril; Delapril; (Anesthetized rat) (Mizuno, K. (184) 169)

5-HT (5-hydroxytryptamine, serotonin); Saralasin; Depolarisation; Temperature sensitivity; Nodose ganglion; (Rat) (Widdop, R.E. (185) 107)

Smooth muscle (vascular); Action potential; Membrane depolarization; Ion conductance; Ca^{2+} currents (Johns, D.W. (187) 183)

Angiotensin II binding sites (subtypes)
DuP 753; WL 19; Brain; Autoradiography; (Rat) (Gehlert, D.R. (187) 123)

Angiotensin II receptor antagonists
Antihypertensive agents; Blood pressure; Monoclonal antibody; Spontaneously hypertensive rats (SHR) (Wong, P.C. (186) 353)

Angiotensin II receptors
Brain; Receptor autoradiography; DuP 753; (Receptor subtypes); (Rat) (Rowe, B.P. (186) 339)

Glomerulosa cells; Phospholipase C; Inositol phosphate; Aldosterone; Adrenal cortex (Boulay, G. (189) 267)

Anipamil
Ca^{2+} channel antagonist; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Anorexia
ACTH-(1-24); Feeding; Grooming; (Rat) (Vergoni, A.V. (179) 347)

ANP (atrial natriuretic polypeptide)
Sodium nitroprusside; cGMP; Aorta (isolated) (Stasch, J.-P. (174) 279)

Brain natriuretic peptide-26 (BNP-26); BNP receptors; ANP receptors; Kidney; (ANP analogs); (Rat); (Pig) (Maeda, T. (176) 341)

Glucocorticoids; Endothelium; Anti-glucocorticoids; (Receptors) (Lanier-Smith, K.L. (178) 105)

Endothelin-1; Spontaneously hypertensive rat (SHR); Vasodilatation (regional); Intracarotid injection (Fozard, J.R. (180) 153)

Nitrovasodilators; Phosphodiesterase inhibitors; Zaprinast; Spontaneously hypertensive rats (SHR); (Blood pressure) (Dundore, R.L. (185) 91)

ANP receptors
Brain natriuretic peptide-26 (BNP-26); Atrial natriuretic peptide (ANP); BNP receptors; Kidney; (ANP analogs); (Rat); (Pig) (Maeda, T. (176) 341)

Anterior pituitary (rat)
Prolactin; Talipexole (B-HT 920); SND 919; Dopamine D_2 receptor agonists; Estrogens (Domae, M. (179) 75)

Anthopleurin-A
Na^+ channels; Tetrodotoxin; Lidocaine; (Supersensitivity) (Muramatsu, I. (186) 41)

Anti-angiogenic activity
Vitamin D_3 analogues; Embryonic angiogenesis; Chorioallantoic membrane (Oikawa, T. (178) 247)

Antiarrhythmic effect
Use-dependent block; Conduction velocity; Bunazosin; α_1-Adrenoceptor antagonists (Hasegawa, J. (191) 369)

Anticholinesterase agents
Neostigmine; Ca^{2+} channel blocking agents; Neuromuscular junction; Phenytoin; Fasciculation; Motor nerve ending (Raines, A. (173) 11)

Anticonvulsant effects
Quaking mutant mice; NMDA receptor antagonists (Mitrovic, N. (176) 357)

Anticonvulsant mechanisms
GABA agonists; GABA antagonists; Petit mal (absence) seizures; Benzodiazepines (Smith, K.A. (176) 45)

Anticonvulsants
Epilepsy; NMDA receptor antagonists; (DBA/2 mouse) (Chapman, A.G. (178) 97)

Epilepsy; Cytochrome P450; Leydig cells; Testosterone (Kühn-Velten, W.N. (181) 151)

Memantine; Baclofen; Convulsants; Cell culture (Netzer, R. (186) 149)

Quazepam; Brotizolam; Zopiclone; Zolpidem; Depressant effects (central); Food intake (mouse); Benzodiazepine ω_1 receptor sites; (Intrinsic activity) (Perrault, G. (187) 487)

Antidepressant activity
Idazoxan; 1-(2-Pyrimidinyl)piperazine (1-PP or PmP); Desipramine; α_2-Adrenoceptors; Locus coeruleus (Cervo, L. (175) 301)

Antidepressants
Receptor systems; Atropine; Xerostomia; Cytosolic, free Ca^{2+}; (Competitive inhibition) (Dissing, S. (177) 43)

8-OH-DPAT(8-hydroxy-(di-n-propylamino)tetralin; $5\text{-}HT_{1A}$ receptor agonists; Electrical stimulation; 5-Hydroxytryptamine (5-HT, serotonin) (Beer, M. (178) 179)

$5\text{-}HT_{1B}$ receptors; (Chronic versus acute treatments) (Frances, H. (179) 173)

Dopamine D_1 receptors; DOPAC (dihydroxyphenylacetic acid); Dopamine uptake (De Montis, G.M. (180) 31)

α-Methyl-p-tyrosine; Adenylate cyclase (De Montis, G.M. (180) 169)

5-HT autoreceptors; 5-HT release; Citalopram; Milnacipran (Moret, C. (180) 351)

ACPC (1-aminocyclopropanecarboxylic acid); NMDA (N-methyl-D-aspartate); MK-801; AP-7 (2-amino-7-phosphonoheptanoic acid) (Trullas, R. (185) 1)

Desipramine; Adenylyl cyclase; β-Adrenoceptors; Brain; (Rat) (Tiong, A.H.K. (188) 411)

Antidepressants (atypical)
Trazodone; m-CPP (m-chlorophenylpiperazine); DRL 72-s schedule; 5-Hydroxytryptamine (5-HT, serotonin) (Li, A.A. (177) 137)

Antidiarrheals
Gastrointestinal propulsion; Analgesia; Opioids; Gut motility; Gut selectivity; (In vivo); (Rat) (Megens, A.A.H.P. (178) 357)

Anti-emetic activity
Quipazine; Nucleus tractus solitarii; Autoradiography (receptor); 5-HT (5-hydroxytryptamine, serotonin); $5\text{-}HT_3$ receptors (Perry, D.C. (187) 75)

Antiepileptics
Anaesthetics (local); Na spikes; Ca spikes; Axons (non-myelinated) (Elliott, P. (175) 155)

Electroshock (maximal); Aminophylline; Ca^{2+} channel inhibitors; Seizures (Czuczwar, S.J. (176) 75)

Valproate; K^+ conductance; Voltage clamp; Node of Ranvier; (Voltage-dependent inhibition) (Van Erp, M.G. (184) 151)

Substantia nigra; Kindling; GABA (γ-aminobutyric acid) (Wahnschaffe, U. (186) 157)

Antigen
Thromboxane synthetase inhibitor; Airway hyperresponsiveness; Thromboxane A_2; FMLP (formyl-methionyl-leucyl-phenylalanine); PAF (platelet-activating factor, PAF-acether) (Komatsu, H. (184) 87)

Antiglucocorticoids
Atrial natriuretic peptide (ANP); Glucocorticoids; Endothelium; (Receptors) (Lanier-Smith, K.L. (178) 105)

Antihistamines (non-sedating)
Histamine; Bronchospasm; (Histamine-induced bronchospasm, i.v. and i.c.v.) (Mauser, P.J. (182) 125)

Antihypertensive agents
Cerebral blood flow; Nifedipine; Captopril; Propranolol; Spontaneously hypertensive rats (SHR) (Ooboshi, H. (179) 253)

Angiotensin II receptor antagonists; Blood pressure; Monoclonal antibody; Spontaneously hypertensive rats (SHR) (Wong, P.C. (186) 353)

α_1-Adrenoceptors; Ligand affinity; Prazosin; Detergent solubilization (Shreeve, S.M. (188) 71)

Anti-idiotypic antibodies
Parotid gland (rat); Substance P receptors; Protein secretion (Maillet, S. (187) 357)

Antilipocortin I antiserum
Benzodiazepine binding sites (peripheral type); [^{3}H]PK 11195; Lipocortin I; Smooth muscle (vascular) (Mihara, S.-i. (189) 233)

Antinociception
[Met^5]enkephalin antibody; β-Endorphin; Morphine; Analgesia; Tail-flick response; Hot-plate response (Tseng, L.L.F. (173) 171)

U-50,488H; 5-HT$_3$ receptors; Tail-flick assay; (Mouse) (Ho, B.Y. (178) 371)

β-Endorphin; Morphine; Pain control systems (descending); CCK-8s (sulfated cholecystokinin octapeptide); Proglumide (Suh, H.H. (179) 329)

Morphine; [Leu^5]enkephalin (Porreca, F. (179) 463)

Nociceptors; Capsaicin; NE-19550; NE-21610 (Dray, A. (181) 289)

Excitatory amino acid; Spinal cord; Nociception; NMDA (N-methyl-D-aspartate); Quisqualate (Raigorodsky, G. (182) 37)

Morphine; δ-Opioid receptor agonists; Tolerance (Jiang, Q. (186) 137)

Naltrexamine bivalent ligands; μ-Opioid receptor antagonists; Analgesia; (Long acting) (Takemori, A.E. (186) 285)

Dopamine receptor agonists; Dopamine D$_2$ receptors; Hot-plate test; Enkephalins (endogenous); (Mouse) (Michael-Titus, A. (187) 201)

Capsaicin; Nociceptors (peripheral); Spinal cord; Substance P (Dickenson, A. (187) 225)

Opioids; U-50,488H; Formalin (Haley, J. (191) 437)

Antioxidants
Taurine; Fatty lesions; Atherosclerosis; Cholesterol (Petty, M.A. (180) 119)

Antipeptide antibodies
GABA$_A$ receptor; γ2-Subunit (Benke, D. (189) 337)

Antiplatelet agents
Vasorelaxation (rat aorta); *Magnolia fargesii* (Chinese herb) (Yu, S.-M. (187) 39)

Antipsychotic action
N-0437; Dopamine D$_2$ receptor agonists; Schizophrenia; Behavioural models; (Stereoisomers); (Partial agonist) (Timmerman, W. (181) 253)

Antipsychotics
Dorsal raphe; Locus coeruleus; BMY 14802; (Electrophysiology); (Rat) (VanderMaelen, C.P. (179) 357)

Dopamine; Dopamine autoreceptors; Substantia nigra; Amphetamine; Apomorphine; Haloperidol; (Somatodendritic) (Piercey, M.F. (182) 219)

Antisecretory effects
Somatostatin analogues; Descending colon mucosa; Electrogenic Cl^- secretion (Ferrar, J.A. (184) 295)

Antitussives
Cough reflex; κ Opioid receptors; U-50,488H; U-62,066E; 5-HT$_1$ receptors (Kamei, J. (187) 281)

Anti-ulcer agents
Esaprazole; Cytoprotection; Gastric secretion; Prostaglandin E$_2$; Prostaglandin I$_2$ (Zuccari, G. (187) 19)

Anxiety
Elevated plus-maze; Handling; Habituation; Diazepam; (Rat) (Brett, R.R. (178) 135)

5-HT$_3$ receptors; [^{3}H]Zacopride; Autoradiography; Brain (rat); Limbic system (Waeber, C. (181) 283)

Ipsapirone; Defensive burying; Heart rate; (Rat) (Korte, S.M. (181) 307)

Anxiolytics
Stress (emotional); Heart rate; Bradycardia; Immobility; Diazepam; Ipsapirone (TVX Q 7821) (Korte, S.M. (179) 393)

Chlordiazepoxide; Diazepam; Benzodiazepines; Open-field test; (Rat) (Bruhwyler, J. (187) 547)

ACPC (1-aminocyclopropanecarboxylic acid); Glycine; NMDA receptors; Ultrasonic calls; Distress vocalizations (Winslow, J.T. (190) 11)

Aorta
Endothelin-1; Smooth muscle cells; Tachyphylaxis; (Desensitization); (Rabbit) (Miasiro, N. (179) 151)

Muscarinic receptors; Inositol monophosphate; cAMP; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Smooth muscle tone; Endothelin; Atriopeptin III; Methoxamine; (Rabbit) (Opgenorth, T.J. (191) 351)

Aorta (guinea-pig)
Adenosine; Adenosine receptors (Stoggall, S.M. (190) 329)

Aorta (isolated)
Atrial natriuretic peptide (ANP); Sodium nitroprusside; cGMP (Stasch, J.-P. (174) 279)

Aorta (rabbit)
Muscarinic receptor subtypes; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Manjeet, S. (174) 99)

Aorta (rat)
Endothelin; Bronchi (guinea-pig); Endothelin receptors; Endothelin-(16-21) (Maggi, C.A. (174) 23)

Cromakalim; Hyperpolarization (Doggrell, S.A. (174) 131)

Neurotensin; Neurotensin analogues; Blood pressure; Heart rate (Di Paola, E.D. (175) 279)

Endothelin; Bronchi (guinea-pig); Airway epithelium; Indomethacin; Endothelin receptors (Maggi, C.A. (176) 1)

Smooth muscle (vascular); Phorbol ester; EDRF (endothelium-derived relaxing factor); Protein kinase C (Sakata, K. (179) 207)

EGF (epidermal growth factor); EDRF (endothelium-derived relaxing factor) (Namiki, A. (180) 247)

Nitroprusside; Isoprenaline; cGMP; cAMP; Smooth muscle (Maurice, D.H. (191) 471)

Aortic endothelial cells (bovine)
cGMP; EDRF (endothelium-derived relaxing factor); N^{ω}-Nitro-L-arginine; N^{G}-Monomethyl-L-arginine; Lung fibroblast cells (fetal rat) (Ishii, K. (176) 219)

Apamin
Cortex (inferior collicular); Nicotinic acetylcholine receptor antagonists; Seizures; Ca^{2+}-dependent K^{+} channels (McCown, T.J. (187) 49)

AP-5 (2-amino-5-phosphonoheptanoic acid)
Electrophysiology; CGP 37849; CGP 39551; Hippocampus; Substantia nigra; Spinal cord; NMDA receptor competitive antagonists; (Rat) (Pozza, M.F. (182) 91)

AP-7 (2-amino-7-phosphonoheptanoic acid)
Antidepressants; ACPC (1-aminocyclopropanecarboxylic acid); NMDA (N-methyl-D-aspartate); MK-801 (Trullas, R. (185) 1)

Apolipoprotein E
Fibrates; Hypercholesterolemia; Beclobrate; Lipoprotein, β-very low density (β-VLDL), receptors; Lipoproteins, high density (HDL); (Rat) (Manzoni, C. (190) 39)

Apomorphine
GABA turnover; GABA-T; Gabaculine (Steulet, A.-F. (174) 161)

Dopamine D-1 receptors; Dopamine D-2 receptors; Jaw movements; Dorsal striatum (Koshikawa, N. (178) 189)

N-n-Propylnorapomorphine (NPA); Climbing behaviour; Hypothermia; Dopamine D-1 receptors; Dopamine D-2 receptors (Moore, N.A. (178) 195)

Oxytocin; Dopamine receptor antagonists; Brain areas; Radioimmunoassay; (Rat) (Melis, M.R. (182) 101)

Dopamine; Dopamine autoreceptors; Substantia nigra; Amphetamine; Antipsychotics; Haloperidol; (Somatodendritic) (Piercey, M.F. (182) 219)

Dopamine D_1 receptors; Dopamine D_2 receptors; Jaw movements; Nucleus accumbens; Globus pallidus (Koshikawa, N. (182) 375)

Dopamine D-2 receptor binding; Dopamine receptor agonists; Striatum (Severson, J.A. (188) 283)

Arachidonic acid
Thimerosal; Lysolecithin; Coronary artery; Endothelium-dependent relaxation; (Electrophysiology) (Bény, J.-L. (185) 235)

Arachidonic acid metabolism
Tumor promoters; Prostaglandin E_2 (PGE_2); Epidermal cells; Peritoneal macrophages (Aizu, E. (182) 19)

Area tempestas
Glycine receptors; 7-Chlorokynurenic acid; Kynurenic acid; Bicuculline; Convulsions; Glutamate; NMDA receptors; Epilepsy (Wardas, J. (187) 59)

Arginine
Cerebellum; Nitric oxide (NO); NMDA (N-methyl-D-aspartate); cGMP (East, S.J. (184) 311)

L-Arginine
Nitric oxide (NO); EDRF (endothelium-derived relaxing factor); L-NMMA (N^G-monomethyl-L-arginine); Gastric mucosal blood flow; Microcirculation (Pique, J.M. (174) 293)

EDRF (endothelium-derived relaxing factor); Endothelial cells; (Bioassay); (HPLC) (Mitchell, J.A. (182) 573)

Haemodynamics; EDRF (endothelium-derived relaxing factor); Septic shock (Thiemermann, C. (182) 591)

Gastric fundus (rat); N^G-Monomethyl-L-arginine (L-NMMA); Nitric oxide (NO); Non-adrenergic, non-cholinergic transmission; Vasoactive intestinal polypeptide (VIP) (Li, C.G. (191) 303)

L-Arginine pathway
Endotoxin; Smooth muscle (vascular); Ca^{2+} (Gray, G.A. (191) 89)

[Arg^8]vasopressin (AVP)
Bladder; Smooth muscle; (Rabbit) (Crankshaw, D. (173) 183)

Quinpirole; Catecholamines; Diabetes insipidus; Blood pressure; Dopamine (Damase-Michel, C. (184) 179)

Aminoglycosides; Adenosine 3′,5′-cyclic monophosphate; Collecting tubule; Henle's loop (thick ascending limb of) (Kidwell, D. (191) 489)

Aromatase inhibitors
Aminoglutethimide; Central nervous system (CNS) tolerance; Central side effects; (Mouse) (Ahmad, B. (182) 237)

Aromatic amino acid decarboxylase
Dopamine; LLC-PK_1 cells; L-Dopa; Kidney; Renal catecholamines (Dawson, Jr., R. (189) 423)

Aromatic L-amino acid decarboxylase (AAAD)
Tyrosine hydroxylase; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Striatum; GM1 ganglioside (Hadjiconstantinou, M. (181) 137)

A7r5 rat aortic smooth muscle cell line
Myocytes (guinea-pig, ventricular); Patch clamp; $^{45}Ca^{2+}$ flux; (Binding) (Randle, J.C.R. (190) 85)

Arrhythmias
Reperfusion; Myocardial Na^{2+}; Myocardial K^+; Myocardial Ca^{2+}; Myocardial Mg^{2+}; Heart (rat) (Tosaki, A. (191) 69)

Arterial blood pressure
l-Nebivolol; d-Nebivolol; Spontaneously hypertensive rats (SHR); Heart rate (Xhonneux, R. (181) 261)

Arterial hypersensitivity
Endothelin; 5-HT (5-hydroxytryptamine, serotonin); Vasospasm; Endothelium (Macke Consigny, P. (186) 239)

Arterial pressure
Nitric oxide (NO); N^G-Methyl-L-arginine; Pithed rat (Vargas, H.M. (190) 393)

Arterial pressure (mean)
RGH-2202; TRH (thyrotropin-releasing hormone); Haemorrhagic shock; Survival (Coppi, G. (182) 185)

Ganglionic blockade; Norepinephrine turnover; Vasoconstrictors; α-Methyl-p-tyrosine (Kline, R.L. (184) 109)

Arterial tissue
Venous tissue; Potential-operated channels (POC); Receptor-operated channels (ROC); Cations; K^+-induced contractions; Agonist-induced contractions (Gouw, M.A.M. (185) 147)

Arterioles
Nebivolol; Propranolol; Phentolamine; Adrenoceptors; Heart; (Rat) (Loots, W. (179) 177)

Arteriovenous anastomoses
Blood flow (carotid); 5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; Indorenate; Migraine (Villalón, C.M. (190) 167)

Artery
Norepinephrine; Peripheral resistance; Vascular resistance; Smooth muscle (vascular) (Nielsen, H. (179) 1)

Arthritic rats
Ketoprofen; Analgesia; Central nervous system (CNS); Thalamic neurons; (Intraventricular injection) (Braga, P.C. (184) 273)

Ascorbate
Amphetamine; GBR 12909; Neostriatum; Quinpirole; SK&F 38393; Voltammetry (in vivo) (Pierce, R.C. (191) 295)

Ascorbic acid
Sodium iodide; Autoradiography; Trachea; Lung; (Binding) (Self, G.J. (176) 169)

D-Aspartate efflux
Astrocyte; L-Methionine-D,L-sulfoximine; Glutamine efflux; GABA efflux (Albrecht, J. (182) 587)

Aspartic acid release
Muscarinic M_2 receptors; Hippocampus (rat); Synaptosomes (superfused); AF-DX 116 (Raiteri, M. (177) 181)

Astrocyte
Histamine H_1 receptors; [^{3}H]Mepyramine binding assay; (Rat) (Inagaki, N. (173) 43)

Platelet-activating factor (PAF); Ca^{2+}; Phosphoinositides; (Trauma); (Receptor) (Murphy, S. (188) 399)

L-Methionine-D,L-sulfoximine; Glutamine efflux; GABA efflux; D-Aspartate efflux (Albrecht, J. (182) 587)

Astrocytoma cells
Thromboxane A_2 receptors; ONO NT-126; Phosphoinositide hydrolysis (Nakahata, N. (184) 233)

Atherosclerosis
Taurine; Fatty lesions; Cholesterol; Antioxidants (Petty, M.A. (180) 119)

Neo-intima; 5-HT (5-hydroxytryptamine, serotonin); Hyperreactivity; (Rabbit) (De Meyer, G.R.Y. (187) 519)

Smooth muscle cells; Cell culture; Cell proliferation; E5050 (Saeki, T. (189) 23)

Atherosclerosis (experimental)
EDRF (release of); Endothelium-dependent relaxation; ANF (atrial natriuretic factor); Nitric oxide (NO); Hypercholesterolemia (Verbeuren, T.J. (191) 173)

Atipamezole
Analgesia; Medetomidine; Cocaine; Formalin test; Tail-flick test; Mechanical pain; (Rat) (Pertovaara, A. (179) 323)

ATP
Smooth muscle; Taenia caeci; Inhibitory junction potential; Suramin (Den Hertog, A. (173) 207)

Purinergic nerves; P^1,P^6-diadenosine hexaphosphate; α,β-Methylene ATP; Bladder; (Human) (Hoyle, C.H.V. (174) 115)

P_{2X} purine receptors; Suramin; Noradrenaline; Neuropeptide Y (NPY); Pithed rat (Urbanek, E. (175) 207)

α,β-Methylene ATP; Purines; Synergism; Mesenteric bed (rat) (Ralevic, V. (175) 291)

ATP^{4-}
Thymocytes; EL-4 cell line; Cation entry; Membrane permeabilization; (Mouse) (El-Moatassim, C. (181) 111)

Non-adrenergic non-cholinergic (NANC) relaxation; Purinoceptors; Duodenum (rat) (Serio, R. (182) 487)

Atrial natriuretic factor (ANF); Guanylate cyclase; Caged ATP (Chang, C.-H. (189) 111)

Atrial natriuretic factor (ANF); Guanylate cyclase; ADP (Chang, C.-H. (189) 293)

ATP-sensitive K^+ channels
Cromakalim; RP49356; Diazoxide; Glibenclamide; Galanin; Portal vein (rat) (Longmore, J. (190) 75)

Atria
Hypotension; Chronotropic; Hemodynamics (Yang, M.C.M. (182) 537)

Atria (guinea-pig)
β-Adrenoceptor agonists; Trimetoquinol; N-Benzyl-substituted analogues; β_2/β_1-Selectivity ratio; Trachea (guinea-pig) (Shams, G. (184) 251)

Atrial peptides
ANF (atrial natriuretic factor); Nitroglycerine; Vascular sensitivity (De León, H. (182) 171)

Atriopeptin III
Protein kinase C; ANF (atrial natriuretic factor); Smooth muscle (vascular) (Sauro, M.D. (180) 373)

Spontaneously hypertensive rats (SHR); Goldblatt hypertension (2-K 1-C); Renal haemodynamics; Na^+ excretion (Johns, E.J. (185) 125)

Smooth muscle tone; Endothelin; Methoxamine; Aorta; (Rabbit) (Opgenorth, T.J. (191) 351)

Atrium
Muscarinic acetylcholine receptors; Sino-atrial node; Guanine nucleotides; Phospholipase; N-Ethylmaleimide (Braun, A.P. (189) 201)

PI turnover; Endothelin-1; Noradrenaline; (Rat) (Kuraja, I.J. (189) 299)

Atrium (right)
Heart (dog); Ventricle (left); Sinoatrial (SA) node; Vagus nerve; Vasoactive intestinal peptide (VIP) (Karasawa, Y. (187) 9)

Atropine
Muscarinic receptor subtypes; Endothelium; Smooth muscle (vascular); Acetylcholine; Scopolamine; Aorta (rabbit) (Manjeet, S. (174) 99)

Receptor systems; Antidepressant drugs; Xerostomia; Cytosolic, free Ca^{2+}; (Competitive inhibition) (Dissing, S. (177) 43)

Acetylcholine release; Striatum; Pirenzepine; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine); AF-DX 116 (De Boer, P. (179) 167)

Muscarinic receptors; Inositol monophosphate; cAMP; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Scopolamine (Sim, M.K. (189) 399)

Atropine- and tetrodotoxin-resistant contraction
Intestine; 4-Aminopyridine; Neuropeptide Y (NPY); (Rabbit) (Cheng, J.-T. (174) 1)

Autonomic nervous system
Dopamine; Dopamine D-2 receptor agonists; Haemodynamics; (Cat) (Eden, R.J. (175) 333)

Autoradiography
5-HT_3 receptors; Emesis; Medulla oblongata (Reynolds, D.J.M. (174) 127)

Ascorbic acid; Sodium iodide; Trachea; Lung; (Binding) (Self, G.J. (176) 169)

Endothelin isopeptides; Sarafotoxin-6b (SRTX-6b); Kidney (human) (Waeber, C. (176) 233)

Eltoprazine; 5-HT_1 receptors; Aggression (offensive) (Sijbesma, H. (177) 55)

5-HT_3 receptors; [^{3}H]Zacopride; Brain (rat); Limbic system; Anxiety (Waeber, C. (181) 283)

^{125}I-(−)-Cyanopindolol binding; β-Adrenoceptors; Nasal mucosa; (Rat) (Van Megen, Y.J.B. (182) 515)

Substance P; Tachykinin receptors; Brain (rat); Submandibular gland (rat); Radioligand binding (Lew, R. (184) 97)

Baclofen binding; Kidney (rat); $GABA_B$ receptors (Erdö, S.L. (184) 305)

Angiotensin II binding sites (subtypes); DuP 753; WL 19; Brain; (Rat) (Gehlert, D.R. (187) 123)

CCK receptors; CCK (cholecystokinin); Brain (Carlberg, M. (191) 107)

Autoradiography (quantitative)
Eltoprazine; 5-HT_1 receptor subtypes; Guanine nucleotides; Aggression (offensive) (Sijbesma, H. (187) 209)

Autoradiography (receptor)
Quipazine; Nucleus tractus solitarii; Anti-emetic activity; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_3 receptors (Perry, D.C. (187) 75)

Aversion
Uptake inhibitors; 5-Hydroxytryptamine (5-HT, serotonin); Noradrenaline; Dopamine; Periaqueductal gray (Jenck, F. (177) 201)

Axonal transport
Neurotensin; γ-Butyrolactone; Neuronal activity; Dopamine release (Castel, M.-N. (186) 133)

Axons (non-myelinated)
Antiepileptics; Anaesthetics (local); Na spikes; Ca spikes (Elliott, P. (175) 155)

Azaprophen
Scopolamine; Trihexyphenidyl; Physostigmine; Acetylcholine receptors; Tolerance (Genovese, R.F. (176) 271)

Azelastine
Smooth muscle (airway); Desmethylazelastine; Trachealis (human); Bronchomotor tone; (Electromechanical responses) (Richards, I.S. (186) 331)

Smooth muscle (airway); Trachea (guinea-pig); Acetylcholine; Ca^{2+} channel antagonists; Tetraethylammonium (Lee, H.-K. (187) 67)

Azido and diazonium photoprobes
Opioid receptors; Photolabelling; Carfentanil derivatives (Galzi, J.-L. (188) 321)

[^{125}I]Azidoiodoketanserin photolabelling
Blood platelets; 5-HT organelles; Carrier protein; [^{3}H]Dihydrotetrabenazine binding (Cesura, A.M. (186) 95)

B-50 (GAP-43)
Protein kinase C; Synaptosomes; Transmitter release; Noradrenaline (Dekker, L.V. (188) 113)

Baclofen
$GABA_A$ receptors (central); $GABA_B$ receptors (central); Muscimol; Bicuculline; Phaclofen; Gastric acid secretion; (Intracerebroventricular route); (Rat models) (Del Tacca, M. (177) 189)

GABA (γ-aminobutyric acid); Pentobarbitone; Bicuculline; Picrotoxin; Diazepam; GABA-benzodiazepine receptors; Ion channels; Neurons; (Snail) (Kim, K.H. (182) 49)

Ileum (cat isolated terminal); GABA (γ-aminobutyric acid); Smooth muscle effect; $GABA_B$ receptors (Pencheva, N. (182) 199)

Memantine; Anticonvulsants; Convulsants; Cell culture (Netzer, R. (186) 149)

$GABA_B$ receptor antagonists; CGP 35348; $GABA_B$ receptors; GABA (γ-aminobutyric acid); Hippocampus; Spinal cord; (Rat) (Olpe, H.-R. (187) 27)

$GABA_A$ receptors; $GABA_B$ receptors; Phaclofen; Retinal ganglion cell (Ikeda, H. (190) 1)

Baclofen binding
Kidney (rat); $GABA_B$ receptors; Autoradiography (Erdö, S.L. (184) 305)

Bacterial toxins
G-proteins (guanine nucleotide regulatory proteins); Endothelium-derived relaxing factor (EDRF) (Flavahan, N.A. (178) 121)

BAEE (Nα-Benzoyl L-arginine ethyl ester)
EDRF (endothelium-dependent relaxing factor); Heart (guinea pig, isolated) (Thomas, G. (178) 251)

BAM-12P
[Met^5]enkephalin; BAM-18P; BAM-22P; Peptide E (Davis, T.P. (191) 253)

BAM-18P
[Met^5]enkephalin; BAM-12P; BAM-22P; Peptide E (Davis, T.P. (191) 253)

BAM-22P
[Met^5]enkephalin; BAM-12P; BAM-18P; Peptide E (Davis, T.P. (191) 253)

BAPTA (1,2-bis(o-aminophenoxy)ethane-N,N,N,N-tetraacetic acid
5-HT (5-hydroxytryptamine, serotonin); Hippocampal slices; Ca^{2+} (Segal, M. (181) 299)

Barbiturates
Cerebellum; cGMP; Kainic acid; Quisqualic acid; NMDA (N-Methyl-D-aspartic acid); Drug dependence; Drug withdrawal (McCaslin, P.P. (173) 127)

Ro15-4513; Ethanol; Benzodiazepines; (Rat) (Deacon, R.M.J. (180) 283)

Baroreceptor heart rate reflex
Bezold-Jarisch reflex; Ketanserin; Vagal afferents; Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY) (Widdop, R.E. (186) 17)

Baroreflex
Adenosine; Caffeine; Blood pressure regulation; Nucleus tractus solitarii (Mosqueda-Garcia, R. (174) 119)

Cholecystokinin (CCK); Vasoactive intestinal peptide (VIP); Blood pressure; Renal nerve activity (Koyama, S. (175) 245)

Baroreflex function
Rilmenidine; α_2-Adrenoceptor agonists (Spiers, J.P. (181) 235)

Baroreflex (vagal)
Cerebral ischemia; Ifenprodil; Flunarizine (Kurihara, J. (190) 23)

Barrel rolling
Dynorphin A; Body temperature; G_i-proteins; Pertussis toxin; Verapamil (Cavicchini, E. (180) 357)

Basal ganglia
Dopamine; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Tryptophan hydroxylase; (Drug abuse) (Bunker, C.F. (180) 103)

MK-801; NMDA (N-methyl-D-aspartate); Methamphetamine; Neurotensin; Dopamine (Singh, N.A. (187) 337)

Basilar artery
Angiotensin II; Vascular endothelium; Mesenteric artery (Yen, M.-H. (180) 209)

Basilar artery (dog)
Neurogenically mediated contraction; Thromboxane; GR32191; BM 13.177 (Connor, H.E. (174) 205)

BAY k 8644
CGP 28392; Nifedipine; Mg^{2+}; Ryanodine; Excitation-contraction coupling; Ca^{2+} release; Force-frequency relation; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

Beclobrate
Fibrates; Hypercholesterolemia; Lipoprotein, β-very low density (β-VLDL), receptors; Lipoproteins, high density (HDL); Apolipoprotein E; (Rat) (Manzoni, C. (190) 39)

Behaviour
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; 5-HT_{1A} receptors; (Monkey) (Mizuta, E. (178) 125)

YM-14673; TRH (thyrotropin-releasing hormone); Dopamine systems (Yamamoto, M. (180) 319)

Brain; Drug distribution; Extracellular space; Microdialysis; Pharmacokinetics; Theophylline; (Rat) (Ståhle, L. (185) 187)

Ca^{2+} channel antagonists; Cocaine; Drug discrimination; Nimodipine; (rat) (Callahan, P.M. (186) 143)

Nimodipine; Diltiazem; Phencyclidine; EEG (Popoli, P. (191) 141)

Inositol hexakisphosphate; Phosphatidylinositol cycle; Epilepsy; Excitotoxicity; EEG (Smith, S.E. (191) 337)

Behavioural effects
Dopamine D_1 receptors; Dopamine D_2 receptors; Bombesin; SK&F 38393; Eticlopride; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour; Locomotion (Merali, Z. (191) 281)

Behavioural models
N-0437; Dopamine D_2 receptor agonists; Schizophrenia; Antipsychotic action; (Stereoisomers); (Partial agonist) (Timmerman, W. (181) 253)

Behaviour (submissive)
Cholinergic supersensitivity; Water competition; Verapamil (Pucilowski, O. (187) 507)

Benzamide derivatives
Gastrointestinal motility; 5-HT receptors; Prokinetic activity (Schiavone, A. (187) 323)

Benzamides
Zacopride; 5-HT_3 receptors; Stereoisomers; Intestine (small); Vagus nerve; (Human) (Pinkus, L.M. (179) 231)

Cisapride; BRL 24924; 5-HT (5-hydroxytryptamine, serotonin); Ileum (guinea-pig) (Van den Brink, H.W. (181) 119)

Dopamine D_2 receptor; Computer graphics; Stereoselectivity (Rognan, D. (189) 59)

Benzamides (zacopride)
Emesis; 5-HT antagonists; (Ferret); (Oral) (Sancilio, L.F. (181) 303)

Benzazepines
Diltiazem; Ca^{2+} channel blockers; Ion channels; (Neurons); (Snail) (Novales-Li, P. (178) 161)

Benzodiazepine binding sites (peripheral type)
[^{3}H]PK 11195; Lipocortin I; Anti-lipocortin 1 antiserum; Smooth muscle (vascular) (Mihara, S.-i. (189) 233)

Benzodiazepine receptors
2-Deoxyglucose; β-Carboline; ZK 93 426; Learning; (Rat) (Sarter, M. (177) 155)

CCK-8 receptors; Diazepam (chronic); Tolerance; Withdrawal (Harro, J. (180) 77)

Benzodiazepines; β-Carboline; Body temperature; (Full and partial agonists) (Jackson, H.C. (185) 243)

Pregnane steroids; GABA (α-aminobutyric acid); Receptor gene (Lan, N.C. (188) 403)

Benzodiazepine receptors (central type)
Suriclone; [^{11}C]Ro 15-1788; Positron emission tomography (PET); (Baboon) (Brouillet, E. (175) 49)

Benzodiazepine receptors (peripheral)
Ro 5-4864; Fibroblasts (rat); (Quaternary ligand) (Weissman, B.A. (187) 369)

Benzodiazepine receptor stimulation
L-Lysine; GABA; Pentobarbital; Picrotoxinin; Convulsions (Gao, X.-M. (173) 197)

Benzodiazepine receptor subtypes (type I, type II)
Reticulata cells (rat); Single neurons activity; Zolpidem; Alpidem (Mereu, G. (179) 339)

$GABA_A$ receptors; Receptor autoradiography (Mennini, T. (189) 143)

Benzodiazepines
CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); Phencyclidine; Passive avoidance deficit; Ro15-1788 (DeNoble, V.J. (175) 197)

GABA agonists; GABA antagonists; Petit mal (absence) seizures; Anticonvulsant mechanisms (Smith, K.A. (176) 45)

GABA (γ-aminobutyric acid); Cl^- flux; Tolerance; β-Carboline; DMCM (methyl-6,7-dimethoxy-4-ethyl-β-carboline-3-carboxylate) (Ngur, D.O. (176) 351)

Drug discrimination; Flumazenil; Agonists; (Inverse agonists); (Rat) (Woudenberg, F. (178) 29)

Tolerance; Dependence; Flumazenil (Löscher, W. (180) 255)

Ro15-4513; Ethanol; Barbiturates; (Rat) (Deacon, R.M.J. (180) 283)

Amygdala; Kindling; F1933; Epilepsy; (Rat) (Lerner-Natoli, M. (182) 161)

Dependence; Withdrawal; Ondansetron (GR38032F); 5-HT_3 receptors; (Rat) (Goudie, A.J. (185) 179)

β-Carboline; Benzodiazepine receptors; Body temperature; (Full and partial agonists) (Jackson, H.C. (185) 243)

Morphine; Stress; GABA (γ-aminobutyric acid) (Del Rio-Garcia, J. (187) 495)

Chlordiazepoxide; Diazepam; Open-field test; Anxiolytics; (Rat) (Bruhwyler, J. (187) 547)

GABA (γ-aminobutyric acid); Ro15-4513; Photoaffinity labeling; Flumazenil; Ro15-1788 (Borden, L.A. (188) 391)

[^{14}C]GABA release; [^{14}C]GABA uptake; GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Stress; Handling (File, S.E. (190) 229)

Dependence; Partial agonists; Precipitated withdrawal; Minipumps (Moreau, J.-L. (190) 269)

Benzodiazepines (peripheral effects)
Uterine relaxation; Ro 5-4864; PK 11195 (Kazanietz, M.G. (185) 231)

Benzodiazepine ω_1 receptor sites
Quazepam; Brotizolam; Zopiclone; Zolpidem; Anticonvulsants; Depressant effects (central); Food intake (mouse); (Intrinsic activity) (Perrault, G. (187) 487)

1-Benzyl substituted analogues
Trimetoquinol; β_2/β_1-Adrenoceptor selectivity ratio; Thromboxane A_2 antagonism (Shams, G. (184) 21)

N-Benzyl-substituted analogues
β-Adrenoceptor agonists; Trimetoquinol; β_2/β_1-Selectivity ratio; Atria (guinea-pig); Trachea (guinea-pig) (Shams, G. (184) 251)

Bepridil
Spontaneously hypertensive rats (SHR); Norepinephrine; Caffeine; Bepridol (methylated) (Fujimoto, S. (187) 469)

Verapamil; Amiloride; Mg^{2+}; Na^+-Ca^{2+} exchange; Coronary artery (Maseki, T. (190) 355)

Bepridol (methylated)
Spontaneously hypertensive rats (SHR); Bepridil; Norepinephrine; Caffeine (Fujimoto, S. (187) 469)

Bezold-Jarish reflex
Quipazine; 5-HT_3 receptors; 5-HT_2 receptors (peripheral); Hypertension (Vayssettes-Courchay, C. (184) 75)

Baroreceptor heart rate reflex; Ketanserin; Vagal afferents; Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY) (Widdop, R.E. (186) 17)

Bicuculline
$GABA_A$ receptors (central); $GABA_B$ receptors (central); Muscimol; Baclofen; Phaclofen; Gastric acid secretion; (Intracerebroventricular route); (Rat models) (Del Tacca, M. (177) 189)

DM-9384 (N-(2,6-dimethyl-phenyl)-2-(2-oxo-1-pyrrolidinyl) acetamide); Passive avoidance task; Picrotoxin; GABAergic neuronal system; Memory; $GABA_A$ receptors (Nabeshima, T. (178) 143)

GABA (γ-aminobutyric acid); Pentobarbitone; Picrotoxin; Diazepam; Baclofen; GABA-benzodiazepine receptors; Ion channels; Neurons; (Snail) (Kim, K.H. (182) 49)

Ethanol; GABA (γ-aminobutyric acid); Aminooxyacetic acid; Gabaculine; (Mouse) (Hinko, C.N. (182) 261)

Glycine receptors; 7-Chlorokynurenic acid; Kynurenic acid; Convulsions; Area tempestas; Glutamate; NMDA receptors; Epilepsy (Wardas, J. (187) 59)

Bifemelane
Idebenone; Vinpocetine; Ca^{2+} channels; Oocytes (*Xenopus*); Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Big endothelin
Endothelin receptor binding; Vasoconstrictor activity (Hirata, Y. (176) 225)

Big endothelin-1
Endothelin-1; Hypertensive effects; Phosphoramidon; Metalloproteinase; (Conversion) (Matsumura, Y. (185) 103)

Bile salts
Vasopressin; Taurocholate; Glycocholate; V_1 receptors (Kuhn, W.F. (175) 117)

Biogenic amines
Ca^{2+} channel antagonists; Brain sections (rat); (Biogenic amine metabolites) (Gaggi, R. (181) 187)

Biting
Substance P; Substance P analogues containing D-histidine; Scratching; Licking; Spinal cord; (Mouse) (Sakurada, T. (174) 153)

Bladder
[Arg^8]vasopressin (AVP); Smooth muscle; (Rabbit) (Crankshaw, D. (173) 183)

Purinergic nerves; P^1,P^6-diadenosine hexaphosphate; ATP; α,β-Methylene ATP; (Human) (Hoyle, C.H.V. (174) 115)

Bladder voiding
Micturition reflex; MK-801; NMDA receptors; (Rat) (Maggi, C.A. (181) 105)

Blood-brain barrier
Amitriptyline; Pinocytosis (Sarmento, A. (176) 69)

Blood flow
Allergic rhinitis; Bradykinin; Nasal mucosa; (Nasal airway resistance, Nasal secretions) (Holmberg, K. (175) 35)

Adenosine; Adipose tissue (brown); R-PIA (N^6-R(−)-phenylisopropyladenosine); NECA (5′-N-ethylcarboxamide adenosine) (Uchida, Y. (184) 223)

Substance P; Oedema; Nitric oxide (NO); Microvascular permeability (Hughes, S.R. (191) 481)

Blood flow (carotid)
Arteriovenous anastomoses; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; Indorenate; Migraine (Villalón, C.M. (190) 167)

Blood flow (cerebral)
[^{14}C]Iodoantipyrine; Methylxanthines; Caffeine; LPIA (L-phenylisopropyladenosine) (Nehlig, A. (179) 271)

Blood flow (regional)
Cromakalim; Spontaneously hypertensive rats (SHR) (conscious) (Shoji, T. (186) 119)

Blood flow (renal)
5-HT receptor agonists; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Blood pressures; Renin activity (plasma); Sympathetic nervous system (Alper, R.H. (175) 323)

Blood platelets
5-HT organelles; Carrier protein; [^{3}H]Dihydrotetrabenazine binding; [^{125}I]Azidoiodoketanserin photolabelling (Cesura, A.M. (186) 95)

Blood pressure
Cholecystokinin (CCK); Vasoactive intestinal peptide (VIP); Renal nerve activity; Baroreflex (Koyama, S. (175) 245)

Neurotensin; Neurotensin analogues; Heart rate; Aorta (rat) (Di Paola, E.D. (175) 279)

5-HT receptor agonists; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Renin activity (plasma); Blood flow (renal); Sympathetic nervous system (Alper, R.H. (175) 323)

GABA (γ-aminobutyric acid); Vagus; Vasopressin; Picrotoxin; Heart rate (Wible, Jr., J.H. (181) 215)

Erythropoiesis; Renin system; Ramipril (Gould, A.B. (181) 225)

Ca^{2+} channel blockers; Carbon monoxide; Cardiac hypertrophy; Heart rate; Polycythemia; Spontaneously hypertensive rat (SHR); Verapamil (Penney, D.G. (182) 29)

Spontaneously hypertensive rats, stroke prone (SHR/SP); Parathyroid hormone; Hypercalcemia (Neuser, D. (182) 569)

Quinpirole; [Arg^8]vasopressin (AVP); Catecholamines; Diabetes insipidus; Dopamine (Damase-Michel, C. (184) 179)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Heart rate; 5-HT_{1A} receptors; Cardiac vagal tone; Sympathetic outflow (central); (Anaesthetised rabbit) (Shepheard, S.L. (186) 267)

Angiotensin II receptor antagonists; Antihypertensive agents; Monoclonal antibody; Spontaneously hypertensive rats (SHR) (Wong, P.C. (186) 353)

Blood pressure (arterial)
α_1-Adrenoceptors; α_1-Adrenoceptor subtypes; (Arterial blood pressure regulation) (Piascik, M.T. (186) 273)

Blood pressure (high)
Opiate receptors; Stress; Naloxone enantiomorphs; β-Funaltrexamine; ICI 174,864 (Jiménez, I. (182) 155)

Blood pressure (rat)
CGRP (calcitonin gene-related peptide); Cyclic peptides; (N-terminal fragments) (Maggi, C.A. (179) 217)

Blood pressure regulation
Adenosine; Caffeine; Baroreflex; Nucleus tractus solitarii (Mosqueda-Garcia, R. (174) 119)

Blood vessel
Protein kinase C; Contraction; Aging; Phorbol ester; (Fischer 344 rat) (Johnson, M.D. (189) 405)

BM 13.177
Basilar artery (dog); Neurogenically mediated contraction; Thromboxane; GR32191 (Connor, H.E. (174) 205)

BMAA (β-N-methylamino-alanine)
NMDA (N-methyl-D-aspartate); Kainate; AMPA (RS-α-amino-3-hydroxy-5-methyl-4-isoxazole propionate); Epilepsy; Amyotrophic lateral sclerosis (Smith, S.E. (187) 131)

B_{max} (maximal binding capacity)
Morphine; Tolerance-dependence; Abstinence; DAMGO ([D-Ala^2,$MePhe^4$,Gly^5-ol]enkephalin); K_d (apparent dissociation constant); Brain regions; Spinal cord (Bhargava, H.N. (190) 305)

BMY 7378
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; 5-HT_{1A} receptors; Microdialysis; 5-HT-mediated behaviour; 5-HT release (Sharp, T. (176) 331)

BMY 14802
Dorsal raphe; Locus coeruleus; Antipsychotics; (Electrophysiology); (Rat) (VanderMaelen, C.P. (179) 357)

Neuroleptics; Proenkephalin; Protachykinin; (In situ hybridization) (Angulo, J.A. (175) 225)

BN 52021
Endothelin; PAF (platelet-activating factor, PAF-acether); Trachea; Bronchi (upper); (Guinea-pig) (Battistini, B. (186) 307)

BNP receptors
Brain natriuretic peptide-26 (BNP-26); Atrial natriuretic peptide (ANP); ANP receptors; Kidney; (ANP analogs); (Rat); (Pig) (Maeda, T. (176) 341)

Body temperature
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Acetylcholine release; EEG; (Rat); (Guinea-pig) (Siniscalchi, A. (175) 219)

Dynorphin A; Barrel rolling; G_i-proteins; Pertussis toxin; Verapamil (Cavicchini, E. (180) 357)

Dopamine receptor agonists; Dopamine receptor antagonists; Dopamine receptor subtypes; Reserpine; (Mouse) (Vasse, M. (181) 23)

Benzodiazepines; β-Carboline; Benzodiazepine receptors; (Full and partial agonists) (Jackson, H.C. (185) 243)

Bombesin
Dopamine D_1 receptors; Dopamine D_2 receptors; Behavioral effects; SK&F 38393; Eticlopride; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour; Locomotion (Merali, Z. (191) 281)

Bombesin/gastrin-releasing peptides
Bombesin receptor agonists; Bombesin receptor antagonists; Acini (rat); Acini (guinea-pig) (Coy, D. (190) 31)

Bombesin-like peptides
Peptidase inhibitors; Tachykinins; (Receptor classification) (Hall, J.M. (176) 127)

Bombesin receptor agonists
Bombesin/gastrin-releasing peptides; Bombesin receptor antagonists; Acini (rat); Acini (guinea-pig) (Coy, D. (190) 31)

Bombesin receptor antagonists
Bombesin/gastrin-releasing peptides; Bombesin receptor agonists; Acini (rat); Acini (guinea-pig) (Coy, D. (190) 31)

BP-554
5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Corticosterone; ACTH; Hypothermia (Matsuda, T. (181) 295)

Bradycardia
Stress (emotional); Heart rate; Immobility; Anxiolytics; Diazepam; Ipsapirone (TVX Q 7821) (Korte, S.M. (179) 393)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Flesinoxan; Dorsal raphe nucleus; Hypotension; 5-HT_{1A} receptors; (Conscious rat) (Connor, H.E. (182) 63)

Bradycardiac agents
Pacemaker currents; Use dependence; Voltage dependence; Frequency dependence; (Electrophysiology) (Van Bogaert, P.P. (187) 241)

Bradykinin
Allergic rhinitis; Blood flow; Nasal mucosa; (Nasal airway resistance, Nasal secretions) (Holmberg, K. (175) 35)

Angiotensin I-converting enzyme inhibition; Captopril; Kinins; Lisinopril; Prostacyclin (PGI_2) (Hoffmann, G. (178) 79)

Neurokinins; Neurokinin receptors; Spinal action; Vascular permeability; Vagal mechanism; (Selective agonists) (Jacques, L. (184) 9)

Bradykinin antagonists
Bradykinin binding; Renal mesangial cells (rat); Prostaglandin release (Emond, C. (190) 381)

Bradykinin binding
Renal mesangial cells (rat); Bradykinin antagonists; Prostaglandin release (Emond, C. (190) 381)

Brain
[^{3}H]Yohimbine binding; [^{3}H]Idazoxan binding; Kidney; (Differential regulation); (Rabbit) (Yakubu, M.A. (176) 305)

Endothelin-1; Hypertension; Ventricle (Gu, X.-H. (177) 205)

Prostaglandin synthesis inhibition; Cyclooxygenase; Analgesic activity (Ferrari, R.A. (179) 25)

Nicotine; Mecamylamine; Somatostatin receptors; (Rat) (Barrios, V. (179) 263)

Behaviour; Drug distribution; Extracellular space; Microdialysis; Pharmacokinetics; Theophylline; (Rat) (Ståhle, L. (185) 187)

Angiotensin II receptors; Receptor autoradiography; DuP 753; (Receptor subtypes); (Rat) (Rowe, B.P. (186) 339)

Angiotensin II binding sites (subtypes); DuP 753; WL 19; Autoradiography; (Rat) (Gehlert, D.R. (187) 123)

Antidepressants; Desipramine; Adenylyl cyclase; β-Adrenoceptors; (Rat) (Tiong, A.H.K. (188) 411)

Bifemelane; Idebenone; Vinpocetine; Ca^{2+} channels; Oocytes (*Xenopus*); mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Dextrorphan; Glycine; Glutamate; Noncompetitive NMDA antagonists; (Rat) (Franklin, P.H. (189) 89)

Steroids; Pregnenolone sulfate; $GABA_A$ receptor; Cl^- ionophore (Majewska, M.D. (189) 307)

CCK receptors; CCK (cholecystokinin); Autoradiography (Carlberg, M. (191) 107)

β-Endorphin; β-Endorphin metabolism; Neuroleptic drugs; (HPLC) (Konings, P.N.M. (191) 115)

Brain acetylcholine
THA (9-amino-1,2,3,4-tetrahydroacridine); Acetylcholinesterase inhibition; Cognition assays (Nielsen, J.A. (173) 53)

Brain areas
Apomorphine; Oxytocin; Dopamine receptor antagonists; Radioimmunoassay; (Rat) (Melis, M.R. (182) 101)

Brain damage
Epilepsy; Kainic acid; Somatostatin; MK-801; Neuropeptide Y (NPY) (Marksteiner, J. (181) 241)

Brain edema
YM-14673; TRH (thyrotropin-releasing hormone); Ischemic anoxia; Neurological deficits; Neuronal degeneration; (Rat) (Yamamoto, M. (181) 207)

Brain (human)
Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Ifenprodil; Spermidine (Steele, J.E. (189) 195)

Brain membranes (frog)
Digitonin extracts (soluble); [^{3}H]DipHrenorphine binding; Sucrose gradients (sedimentation in) (Roussin-Pascaud, A. (189) 393)

Brain (mouse)
Dopamine D_1 receptors; Dopamine D_2 receptors; GABA synthesis (rate of); Gabaculine (Steulet, A.-F. (191) 19)

Brain natriuretic peptide-26 (BNP-26)
Atrial natriuretic peptide (ANP); BNP receptors; ANP receptors; Kidney; (ANP analogs); (Rat); (Pig) (Maeda, T. (176) 341)

Brain penetration
Muscarinic receptors; Hypothermia; Salivation; Central nervous system (CNS); (Ex vivo binding) (Freedman, S.B. (174) 253)

Brain (rat)
Enkephalin analogs; Vas deferens (mouse); δ Opioid receptors (Vaughn, L.K. (177) 99)

[^{3}H]6-Nitroquipazine; 5-HT uptake (Hashimoto, K. (180) 273)

σ Receptors; Haloperidol; (+)-[^{3}H]SK&F-10,047 (McCann, D.J. (180) 361)

5-HT$_3$ receptors; [^{3}H]Zacopride; Autoradiography; Limbic system; Anxiety (Waeber, C. (181) 283)

Clozapine; 5-HT$_3$ receptor sites; [^{3}H]Q ICS 205-930; Neuroleptics; Superior cervical ganglion (rat) (Watling, K.J. (182) 465)

Substance P; Tachykinin receptors; Submandibular gland (rat); Radioligand binding; Autoradiography (Lew, R. (184) 97)

NMDA receptor; Structure-activity relationship (SAR); MK-801; TCP (N-[1-(2-thienyl)cyclohexyl]piperidine); Phencyclidine derivatives (Nadler, V. (188) 97)

σ receptors; (Subcellular fractionation) (McCann, D.J. (188) 211)

[^{3}H]Paroxetine; [^{3}H]Citalopram; 5-Hydroxytryptamine (5-HT) transport complex; Receptor modulation (Plenge, P. (189) 129)

Brain regions
Microdialysis; Acetylcholine; Choline; Scopolamine; Oxotremorine; Nicotine (Toide, K. (173) 133)

Morphine; Tolerance-dependence; Abstinence; 5-HT$_{1A}$ receptors; Spinal cord; Hypothermia; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin (Gulati, A. (182) 253)

Morphine; Tolerance-dependence; Abstinence; DAMGO ([D-Ala^2,MePhe^4,Gly^5-ol]enkephalin); B_{max} (maximal binding capacity); K_d (apparent dissociation constant); Spinal cord (Bhargava, H.N. (190) 305)

Brain sections (rat)
Ca^{2+} channel antagonists; Biogenic amines; (Biogenic amine metabolites) (Gaggi, R. (181) 187)

Brain slices
Amygdala; 4-Aminopyridine; NMDA receptors (Gean, P.-W. (184) 213)

Brain slices (rat)
Opioid receptor subtypes; Dopamine release; Acetylcholine release; Limbic brain areas (Heijna, M.H. (181) 267)

Brain slices (rat, superfused)
MDMA (3,4-methylenedioxymethamphetamine); Monoamine release; Noradrenaline; 5-HT (5-hydroxytryptamine, serotonin); Dopamine (Fitzgerald, J.L. (191) 217)

Brainstem
CRF (corticotropin-releasing factor); α-Helical-CRF; Respiration; Respiratory centres; Pneumotaxic centre (Böhmer, G. (182) 405)

[^{3}H]Bremazocine
Cerebellum (guinea-pig); κ-Opioid receptors (multiple); [^{3}H]U69593; (Binding studies) (Tiberi, M. (188) 379)

BRL 24924
Benzamides; Cisapride; 5-HT (5-hydroxytryptamine, serotonin); Ileum (guinea-pig) (Van den Brink, H.W. (181) 119)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; Hippocampus (Chaput, Y. (182) 441)

BRL 43694
5-HT$_3$ receptors; Dopamine (Ashby Jr., C.R. (175) 347)

Brofaromine
[^{3}H]Brofaromine binding; MAO-A (monoamine oxidase A); Moclobemide; Clorgyline; Microsomal liver enzymes (Waldmeier, P.C. (180) 297)

5-HT (5-hydroxytryptamine, serotonin); d-Fenfluramine; Zimelidine; Dorsal raphe; Food intake (Fletcher, P.J. (184) 265)

[^{3}H]Brofaromine binding
MAO-A (monoamine oxidase A); Brofaromine; Moclobemide; Clorgyline; Microsomal liver enzymes (Waldmeier, P.C. (180) 297)

Bromocriptine
Dopamine D_1 receptors; Dopamine D_2 receptors; SK&F 38393; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dyskinesia (Monkey) (Rouillard, C. (185) 209)

Bronchial artery
Ligustrazine; Pulmonary artery; Vasodilators; (Human) (Liu, S. (191) 345)

Bronchial reactivity
Ro5-4864; PK 11195; (Guinea-pig) (Marano, G. (179) 237)

Bronchi (guinea-pig)
Endothelin; Aorta (rat); Endothelin receptors; Endothelin-(16-21) (Maggi, C.A. (174) 23)

Endothelin; Airway epithelium; Indomethacin; Aorta (rat); Endothelin receptors (Maggi, C.A. (176) 1)

Bronchi (human)
Neurokinin A; K^+ channels; Cholinergic neural stimulation (Black, J.L. (180) 311)

Bronchi (upper)
Endothelin; PAF (platelet-activating factor, PAF-acether); BN 52021; Trachea; (Guinea-pig) (Battistini, B. (186) 307)

Bronchoconstriction
Endothelin; Hypertension; Propranolol (Touvay, C. (176) 23)

Capsaicin; Hexamethonium; Propranolol; Neuropeptides (sensory); Vagal stimulation (Del Monte, M. (180) 239)

Endothelin; Heart; Lung; Endothelin receptors; Vasoconstriction (Hemsén, A. (191) 319)

Bronchomotor tone
Smooth muscle (airway); Azelastine; Desmethylazelastine; Trachealis (human); (Electromechanical responses) (Richards, I.S. (186) 331)

Bronchospasm
Antihistamines (non-sedating); Histamine; (Histamine-induced bronchospasm, i.v. and i.c.v.) (Mauser, P.J. (182) 125)

Bronchus (human)
Neurokinins; Urinary bladder (human); NK-2 receptors; (Antagonists) (Dion, S. (178) 215)

Epithelium; EpDIF (epithelium-derived inhibitory factor); (Hyperreactivity); (Co-axial bioassay) (Fernandes, L.B. (187) 331)

Brotizolam
Quazepam; Zopiclone; Zolpidem; Anticonvulsants; Depressant effects (central); Food intake (mouse); Benzodiazepine ω_1 receptor sites; (Intrinsic activity) (Perrault, G. (187) 487)

Brush border membranes
Uricosuric agents; Urate-anion exchangers; Kidney (rat) (Dan, T. (187) 303)

BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine)
Phencyclidine analogs; TCP (N-[1-(2-thiophenyl)cyclohexyl] piperidine); Nigrostriatal dopamine neurons; Electrophysiology; Microiontophoresis; (Rat) (Rouillard, C. (182) 227)

Buflomedil
Pancreatic exocrine secretion; Adrenoceptors; CRL40634; CRL40598 (Chariot, J. (175) 229)

Bumetanide
Diuretics (loop); β-Cells; Diabetes mellitus; Insulin release; Cl^-; Ca^{2+}; Rb^+; (Co-transport) (Sandström, P.-E. (187) 377)

Bunazosin
Use-dependent block; Conduction velocity; α_1-Adrenoceptor antagonists; Antiarrhythmic effect (Hasegawa, J. (191) 369)

Buspirone
Ipsapirone; Adrenaline; Glycemia; 5-HT_{1A} receptors (Chaouloff, F. (177) 107)

γ-Butyrolactone
Neurotensin; Axonal transport; Neuronal activity; Dopamine release (Castel, M.-N. (186) 133)

BY-1949
Cerebral blood flow (regional); Cerebrovascular disease (Sugawa, M. (178) 255)

Ca^{2+}
Adenylate cyclase; Hippocampus; Cerebral cortex; 5-HT receptors (Mørk, A. (175) 237)

4-Aminopyridine; Dihydropyridines; Hippocampus; Limbic seizures; Wet-dog shakes (Fragoso-Veloz, J. (178) 275)

Chloroquine; Quinacrine; Cardiac contraction; (Guinea-pig) (Tona, L. (178) 293)

Muscle damage; Dantrolene sodium; Exercise; Creatine kinase; Isoenzymes; Histology; Sarcoplasmic reticulum (Amelink, G.J.H. (179) 187)

Chelators; Fluoroacetic acid; Fluorocitric acid; EDTA; EGTA; Seizures; Toxicity (Hornfeldt, C.S. (179) 307)

Smooth muscle (vascular); Tail artery; Fura 2-Ca^{2+} signal; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); (Rat) (Thorin-Trescases, N. (179) 469)

5-HT (5-hydroxytryptamine, serotonin); Hippocampal slices; BAPTA (1,2-bis(o-aminophenoxy)ethane-N,N,N,N-tetraacetic acid (Segal, M. (181) 299)

Non-steroidal antiinflammatory drugs; Prostaglandins; Smooth muscle (Jeremy, J.Y. (182) 83)

Ca reversal; EGTA; Ouabain; Smooth muscle; Stomach (Karibe, H. (182) 273)

1,4-Dihydropyridines; Tiamdipine; Smooth muscle; [^{3}H]PN 200-110; Ca^{2+} channel activators (Galletti, F. (185) 157)

Bumetanide; Diuretics (loop); β-Cells; Diabetes mellitus; Insulin release; Cl^-; Rb^+; (Co-transport) (Sandström, P.-E. (187) 377)

Phosphatidylserine monolayers; Flunarizine; R 56865 (Vogelgesang, R. (188) 17)

Histamine H_3 receptor; [^{3}H](R)α-Methylhistamine; Guanine nucleotides (Arrang, J.-M. (188) 219)

Platelet-activating factor (PAF); Astrocyte; Phosphoinositides; (Trauma); (Receptor) (Murphy, S. (188) 399)

$InsP_6$; Pituitary (Sortino, M.A. (189) 115)

Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Myocardium; Ischemia (Ferrari, R. (189) 149)

Glutamate; Kainate; Quisqualate; NMDA; (Chick) (McMillian, M. (189) 253)

α_1-Adrenoceptors; Norepinephrine; Smooth muscle (vascular) (Han, C. (190) 97)

Endotoxin; Vascular hyporesponsiveness (Bigaud, M. (190) 185)

Endotoxin; Smooth muscle (vascular); L-Arginine pathway (Gray, G.A. (191) 89)

Cabergoline
[^{3}H]N-n-Propylnorapomorphine binding; Dopamine receptors; Dopamine receptor agonists; Ergoline derivatives; (In vivo binding) (Strolin Benedetti, M. (187) 399)

Ca^{2+} binding sites
Skeletal muscle (mammalian); Denervation; Amphiphiles; (Contraction) (Léoty, C. (174) 91)

Ca^{2+} channel activators
Ca^{2+}; 1,4-Dihydropyridines; Tiamdipine; Smooth muscle; [^{3}H]PN 200-110 (Galletti, F. (185) 157)

Ca^{2+} channel agonists
Endothelin-1; Trachea (guinea-pig); Ca^{2+} channel antagonists (Sarriá, B. (187) 445)

Ca^{2+} channel antagonists
Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Brain sections (rat); Biogenic amines; (Biogenic amine metabolites) (Gaggi, R. (181) 187)

Behaviour; Cocaine; Drug discrimination; Nimodipine; (rat) (Callahan, P.M. (186) 143)

Azelastine; Smooth muscle (airway); Trachea (guinea-pig); Acetylcholine; Tetraethylammonium (Lee, H.-K. (187) 67)

Endothelin; Plasminogen activator (tissue-type); Von Willebrand factor; PAF (platelet-activating factor, PAF-acether); (Secretion) (Pruis, J. (187) 105)

Endothelin-1; Trachea (guinea-pig); Ca^{2+} channel agonists (Sarriá, B. (187) 445)

Ca^{2+} channel blockers
α_2-Adrenoceptors; Kidney; Proximal tubule; Clonidine; UK 14,304; Diuresis; (Radioligand binding); (Rat) (Stanko, C.K. (175) 13)

Dantrolene sodium; Trachea (guinea-pig); Caffeine; (Skinned trachea) (Sanz, C.M. (176) 177)

Diltiazem; Benzazepines; Ion channels; (Neurons); (Snail) (Novales-Li, P. (178) 161)

Blood pressure; Carbon monoxide; Cardiac hypertrophy; Heart rate; Polycythemia; Spontaneously hypertensive rat (SHR); Verapamil (Penney, D.G. (182) 29)

PAF (platelet-activating factor, PAF-acether); PAF receptors; Degranulation; Superoxide production; Neutrophil granulocytes (human) (Filep, J.G. (190) 67)

Ca^{2+} channel blocking agents
Neostigmine; Neuromuscular junction; Phenytoin; Fasciculation; Motor nerve ending; Anticholinesterase agents (Raines, A. (173) 11)

Ca^{2+} channel inhibitors
Electroshock (maximal); Aminophylline; Antiepileptics; Seizures (Czuczwar, S.J. (176) 75)

Ca^{2+} channels
ω-Conotoxin; Presynaptic mechanism; Acetylcholine; GABA; Intracellular recording; Hippocampus; (Slice) (Dutar, P. (174) 261)

Endothelin; Ileum (guinea-pig); Protein kinase C; (Biphasic effects) (Lin, W.-W. (176) 57)

Ethanol dependence; MK-801; NMDA (N-methyl-D-aspartate); Withdrawal seizures; (Mouse) (Grant, K.A. (176) 289)

Morphine abstinence; Pain sensitivity (Antkiewicz-Michaluk, L. (180) 129)

Cromakalim; Nifedipine; K^+ channels; ^{86}Rb efflux; (Membrane potential) (McHarg, A.D. (185) 137)

Isoproterenol infusion; Myocardial contractions; Forskolin (Bowling, N. (187) 155)

ω-Conotoxin GVIA; Dihydropyridines; Striatal neurons; GABA release (Pin, J.-P. (188) 81)

Bifemelane; Idebenone; Vinpocetine; Oocytes (*Xenopus*); Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

$GABA_A$ receptors; Thyrotropin-releasing hormone (TRH); Thyrotropin release in vitro; ω-Conotoxin; G-proteins (guanine nucleotide-binding proteins) (Roussel, J.-P. (190) 135)

Cocaine; Amphetamine; Dopamine; Dihydropyridines; Microdialysis; Locomotor activity (Pani, L. (190) 217)

Ca^{2+} channels (L-type)
CGP 28392; BAY k 8644; Nifedipine; Mg^{2+}; Ryanodine; Excitation-contraction coupling; Ca^{2+} release; Force-frequency relation; Resting state contraction (Saxon, M. (178) 37)

Ca^{2+} channels (N-type)
α_2-Adrenoceptors; κ Opiate receptors (Adamson, P. (174) 63)

Ca^{2+} channels (second messenger-operated)
Ca^{2+} channels (voltage-operated); Ca^{2+} influx; Ca^{2+} extrusion; NMDA receptors (Ciardo, A. (188) 417)

Ca^{2+} channels (voltage-dependent)
Dihydropyridines; ω-Conotoxin; Synaptosomes; Spinal cord; 5-HT release (Gandhi, V.C. (187) 271)

Ca^{2+} channels (voltage-operated)
Ca^{2+} channels (second messenger-operated); Ca^{2+} influx; Ca^{2+} extrusion; NMDA receptors (Ciardo, A. (188) 417)

Ca^{2+} currents
Norepinephrine; α_2-Adrenoceptors; Voltage-clamp (whole-cell); Sympathetic ganglion (Schofield, G.G. (180) 37)

Angiotensin II; Smooth muscle (vascular); Action potential; Membrane depolarization; Ion conductance (Johns, D.W. (187) 183)

Ca^{2+} dependence
Dopamine release; Microdialysis; (+)-AJ 76; d-Amphetamine; (Rat) (Waters, N. (187) 425)

Ouabain; Smooth muscle (vascular) contractions; Spontaneously hypertensive rats (SHR); Na^+-Ca^{2+} exchange (Shibata, R. (190) 147)

Ca^{2+}-dependent K^+ channels
Cortex (inferior collicular); Nicotinic acetylcholine receptor antagonists; Apamin; Seizures (McCown, T.J. (187) 49)

Ca^{2+}-dependent plateau
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; α-Methyl 5-HT; 2-Methyl 5-HT; Dorsal root ganglion; (Action potential) (Scroggs, R.S. (178) 229)

Cadralazine
Smooth muscle (vascular); ISF-2405; Ca^{2+} signals; Fura-2; (Rabbit); (Dog) (Mitsui, M. (178) 171)

Ca^{2+} extrusion
Ca^{2+} channels (voltage-operated); Ca^{2+} channels (second messenger-operated); Ca^{2+} influx; NMDA receptors (Ciardo, A. (188) 417)

Caffeine
Adenosine; Blood pressure regulation; Baroreflex; Nucleus tractus solitarii (Mosqueda-Garcia, R. (174) 119)

Forskolin; cAMP; Cortex; (Rat) (Mante, S. (175) 203)

Diltiazem; Ca^{2+} release (spontaneous); Skinned fiber; Sarcoplasmic reticulum (Asayama, J. (175) 309)

Dantrolene sodium; Trachea (guinea-pig); Ca^{2+} channel blockers; (Skinned trachea) (Sanz, C.M. (176) 177)

Ca^{2+} release (Ca-induced); Dantrolene; Sarcoplasmic reticulum; Skeletal muscle (skinned) (Ohta, T. (178) 11)

[^{14}C]Iodoantipyrine; Methylxanthines; LPIA (L-phenylisopropyladenosine); Blood flow (cerebral) (Nehlig, A. (179) 271)

Spontaneously hypertensive rats (SHR); Bepridil; Norepinephrine; Bepridol (methylated) (Fujimoto, S. (187) 469)

$^{45}Ca^{2+}$ flux
Myocytes (guinea-pig, ventricular); A7r5 rat aortic smooth muscle cell line; Patch clamp; (Binding) (Randle, J.C.R. (190) 85)

Ca^{2+}-free medium
Nicardipine; Nimodipine; Verapamil; Cerebral arteries; Vasoconstriction (Salom, J.B. (177) 1)

Cage convulsant
TBOB (t-butylbicycloorthobenzoate); GABA (γ-aminobutyric acid); $GABA_A$-receptor complex; Picrotoxin (Van Rijn, C.M. (179) 419)

Caged ATP
Atrial natriuretic factor (ANF); Guanylate cyclase; ATP (Chang, C.-H. (189) 111)

Ca^{2+} influx
Ca^{2+} channels (voltage-operated); Ca^{2+} channels (second messenger-operated); Ca^{2+} extrusion; NMDA receptors (Ciardo, A. (188) 417)

Ca^{2+} (intracellular)
Endothelin; MDCK cells; LLC-PK_1 cells; Renal reabsorption (Neuser, D. (176) 241)

DDT_1 MF-2 cells; Smooth muscle; Membrane current; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Calmodulin
Muscarinic acetylcholine receptor; Adenylate cyclase; Cortical slices; (Depolarization) (Zhou, X.-M. (189) 327)

Calmodulin (binding to)
Tiflucarbine; Cyclic nucleotide phosphodiesterase (Schmidt, B.H. (189) 411)

Ca^{2+} metabolism
Smooth muscle (vascular); Cl^- ions; SCN^- anions; Sex hormones; Sexual dimorphism (Zhang, A. (179) 287)

Ca^{2+} mobilization
Inositol 1,4,5-trisphosphate ($InsP_3$); Inositol 1,4,5-trisphosphate receptors; Inositol 1,4,5-trisphosphate phosphatase; Inositol 1,4,5-trisphosphate kinase; 2,3-Diphosphoglycerate (Guillemette, G. (188) 251)

Ca^{2+} movements
Aequorin-loaded platelets; Aggregation; ADP; Adrenaline; Cloriczomene (Del Maschio, A. (187) 541)

Cannula insertion method
Facial vein (simian); Acetylcholine; Muscarinic receptor subtypes; Vasoconstriction (Chiba, S. (191) 311)

Capacitance vessels
Cardiotonic; Circulatory filling pressure (mean); MCI-154; Venodilator effect (Satoh, N. (175) 317)

Capsaicin
Substance P; Calcitonin gene-related peptide (CGRP); Ruthenium red (Takaki, M. (174) 57)

Histamine; Substance P; Methacholine; Vagal stimulation; Airway responsiveness (Biggs, D.F. (175) 29)

CGRP (calcitonin gene-related peptide); Ruthenium red; Ileum; (Ascending pathway); (Guinea-pig) (Jin, J.-G. (180) 13)

Toluene diisocyanate; Sensory nerves (efferent function of) (Mapp, C.E. (180) 113)

Stomach (rat); Substance P release (Kwok, Y.N. (180) 201)

Bronchoconstriction; Hexamethonium; Propranolol; Neuropeptides (sensory); Vagal stimulation (Del Monte, M. (180) 239)

Nociceptors; Antinociception; NE-19550; NE-21610 (Dray, A. (181) 289)

Non-adrenergic, non-cholinergic (NANC) responses (inhibitory); Airways (guinea-pig) (Stretton, C.D. (184) 333)

Piperine; Calcitonin gene-related peptide (CGRP); Substance P; Ruthenium red; Ileal motility; (Guinea-pig) (Takaki, M. (186) 71)

Ruthenium red; Afferent neurons (primary) (Amann, R. (186) 169)

Adrenal medulla; Catecholamines; Noradrenaline; Adrenaline; Sensory fibres (Zhou, X.-F. (186) 247)

Histamine H_1 receptor agonists; Histamine H_2 receptor agonists; Gastric acid secretion; Vagus (Yoneda, M. (186) 349)

Nociceptors (peripheral); Antinociception; Spinal cord; Substance P (Dickenson, A. (187) 225)

Captopril
Oxyphenbutazone ulcer; Indomethacin; Ethanol ulcer; Sulfhydryl (Bhounsule, S.A. (177) 87)

Angiotensin I-converting enzyme inhibition; Bradykinin; Kinins; Lisinopril; Prostacyclin (PGI_2) (Hoffmann, G. (178) 79)

^{125}I-ANF-(99-128); Acetorphan; Thiorphan; Kelatorphan; Peptidase inhibitors (Gros, C. (179) 45)

Cerebral blood flow; Antihypertensive drugs; Nifedipine; Propranolol; Spontaneously hypertensive rats (SHR) (Ooboshi, H. (179) 253)

Angiotensin I; Angiotensin II; Neurotransmission (inhibition of); Ear artery (rabbit, isolated); [Sar^1,Val^5,Ala^8]angiotensin II (Rónai, A.Z. (179) 281)

Renin-angiotensin system; Vascular tissue; Delapril; Angiotensin II; (Anesthetized rat) (Mizuno, K. (184) 169)

Carbachol
Inositol phospholipid breakdown; Adenylate cyclase; Phospholipase C; G-proteins; Li^+, K^+; NaF; Cerebral cortex (rat) (Tiger, G. (188) 51)

Carbachol-induced drinking
Muscarinic receptor antagonists; Muscarinic receptor subtypes; Muscarinic M_1 receptors; Muscarinic M_2 receptors; Muscarinic M_3 receptors (Polidori, C. (179) 159)

Carbamazepine
Electroconvulsive shock; G-proteins; β-Adrenoceptors; Muscarinic cholinoceptors (Avissar, S. (189) 99)

Carbaryl
Tremors; Dopamine; 5-HT (5-hydroxytryptamine, serotonin) (Kumar Ray, S. (181) 159)

β-Carboline
GABA (γ-aminobutyric acid); Cl^- flux; Benzodiazepine; Tolerance; DMCM (methyl-6,7-dimethoxy-4-ethyl-β-carboline-3-carboxylate) (Ngur, D.O. (176) 351)

2-Deoxyglucose; Benzodiazepine receptors; ZK 93 426; Learning; (Rat) (Sarter, M. (177) 155)

Benzodiazepines; Benzodiazepine receptors; Body temperature; (Full and partial agonists) (Jackson, H.C. (185) 243)

Carbonic anhydrase
Indapamide (binding); Kidney (Schaeffer, P. (182) 503)

Carbon monoxide
Blood pressure; Ca^{2+} channel blockers; Cardiac hypertrophy; Heart rate; Polycythemia; Spontaneously hypertensive rat (SHR); Verapamil (Penney, D.G. (182) 29)

5-Carboxyamidotryptamine
5-Hydroxytryptamine (5-HT, serotonin); Cerebral arteries; GR 43175; 5-HT receptors; Migraine; 5-HT_1-like receptors (Parsons, A.A. (174) 189)

5-Hydroxytryptamine (5-HT, serotonin); α-Methyl 5-HT; 2-Methyl 5-HT; Ca^{2+}-dependent plateau; Dorsal root ganglion; (Action potential) (Scroggs, R.S. (178) 229)

Cardiac contraction
Chloroquine; Quinacrine; Ca^{2+}; (Guinea-pig) (Tona, L. (178) 293)

Cardiac glycoside intoxication
R56865 (N-[1-[4-(4-fluorophenoxy)butyl]-4-piperidinyl]-N-methyl-2-benzothiazolamine); Membrane currents; Cardiomyocytes (isolated) (Himmel, H.M. (187) 235)

Cardiac hypertrophy
Blood pressure; Ca^{2+} channel blockers; Carbon monoxide; Heart rate; Polycythemia; Spontaneously hypertensive rat (SHR); Verapamil (Penney, D.G. (182) 29)

Cardiac mitochondria
Phosphate (inorganic, P_i); Carnitine; Oxidative phosphorylation; Adenine nucleotide translocase (Duan, J. (189) 163)

Cardiac refractoriness
K^+ channel activators; Supraventricular arrhythmias; Proarrhythmia (Spinelli, W. (179) 243)

Cardiac vagal tone
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Blood pressure; Heart rate; 5-HT_{1A} receptors; Sympathetic outflow (central); (Anaesthetised rabbit) (Shepheard, S.L. (186) 267)

Cardiomyocytes
α_1-Adrenoceptors; Na^+/H^+ exchange; Na^+/Ca^{2+} exchange (Iwakura, K. (186) 29)

Cardiomyocytes (isolated)
R56865 (N-[1-[4-(4-fluorophenoxy)butyl]-4-piperidinyl]-N-methyl-2-benzothiazolamine); Membrane currents; Cardiac glycoside intoxication (Himmel, H.M. (187) 235)

Cardiorespiratory control
Inositol hexakisphosphate; Nucleus tractus solitarii; Inositol polyphosphates; (Extracellular signals) (Barraco, R.A. (173) 75)

Cardioselective agents
Himbacine; Allosteric interaction; Muscarinic receptors; Heart (Lee, N.H. (179) 225)

Cardiotonic
Capacitance vessels; Circulatory filling pressure (mean); MCI-154; Venodilator effect (Satoh, N. (175) 317)

Cardiovascular disease
ω_3-Fatty acids; Docosahexaenoic acid; Fatty acids (n-3 polyunsaturated); Vascular responses; (Fish oils) (Engler, M.B. (185) 223)

Cardiovascular responses
Flesinoxan; 5-HT_{1A} receptors; (Rat) (Dreteler, G.H. (180) 339)

Cardiovascular system (rat)
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Adrenal glands; Insulin; Glucose (Bouhelal, R. (181) 89)

Ca^{2+} release
CGP 28392; BAY k 8644; Nifedipine; Mg^{2+}; Ryanodine; Excitation-contraction coupling; Force-frequency relation; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

Ca^{2+} release (Ca-induced)
Caffeine; Dantrolene; Sarcoplasmic reticulum; Skeletal muscle (skinned) (Ohta, T. (178) 11)

Ca^{2+} release (spontaneous)
Diltiazem; Caffeine; Skinned fiber; Sarcoplasmic reticulum (Asayama, J. (175) 309)

Ca^{2+} reversal
Ca^{2+}; EGTA; Ouabain; Smooth muscle; Stomach (Karibe, H. (182) 273)

Carfentanil derivatives
Opioid receptors; Photolabelling; Azido and diazonium photoprobes (Galzi, J.-L. (188) 321)

Carnitine
Phosphate (inorganic, P_i); Cardiac mitochondria; Oxidative phosphorylation; Adenine nucleotide translocase (Duan, J. (189) 163)

Carrier protein
Blood platelets; 5-HT organelles; [^{3}H]Dihydrotetrabenazine binding; [^{125}I]Azidoiodoketanserin photolabelling (Cesura, A.M. (186) 95)

Carvedilol
β-Adrenoceptor antagonists; Cutaneous vasculature; Labetalol; Vasodilatation (Willette, R.N. (176) 237)

Ca^{2+} sensitivity
Spontaneously hypertensive rat (SHR); Dihydropyridines; Mesenteric resistance artery (Boonen, H.C.M. (179) 403)

Ca^{2+} signals
Smooth muscle (vascular); Cadralazine; ISF-2405; Fura-2; (Rabbit); (Dog) (Mitsui, M. (178) 171)

Pinacidil; K^+ channel activators; Smooth muscle (vascular); Fura-2; (Rat) (Anabuki, J. (190) 373)

Ca spikes
Antiepileptics; Anaesthetics (local); Na spikes; Axons (non-myelinated) (Elliott, P. (175) 155)

Ca^{2+} store (intracellular)
Prostaglandin $F_{2\alpha}$ potentiation; Endothelium; Vasoconstrictor responses (Aristegui, P.M. (184) 1)

Castration
Gonadotropin-releasing hormone (GnRH); [^{3}H]Imipramine binding sites; Depression; Tail suspension test; (Mouse) (Bernardi, M. (187) 501)

Catalepsy
Striatum; Nucleus accumbens; Dopamine D_1 receptors; Dopamine D_2 receptors (Ossowska, K. (182) 327)

Catecholamines
Quinpirole; [Arg^8]vasopressin (AVP); Diabetes insipidus; Blood pressure; Dopamine (Damase-Michel, C. (184) 179)

Capsaicin; Adrenal medulla; Noradrenaline; Adrenaline; Sensory fibres (Zhou, X.-F. (186) 247)

Sympathomimetic amines; Adrenoceptors; Fluorinated catecholamines; Epinephrine; Fluoroepinephrines (Bass, A.S. (187) 87)

Catecholamines (central)
Cocaine; Norepinephrine; Dopamine; (Short- and long-term effects of cocaine) (Karoum, F. (186) 1)

Cathepsin D activity
Thromboxane A_2; Amino-nitrogen (plasma); Myocardial depressant factor; Thromboxane B_2 (plasma) (Karasawa, A. (182) 1)

Cation entry
Thymocytes; EL-4 cell line; Membrane permeabilization; ATP^{4-}; (Mouse) (El-Moatassim, C. (181) 111)

Cations
Arterial tissue; Venous tissue; Potential-operated channels (POC); Receptor-operated channels (ROC); K^+-induced contractions; Agonist-induced contractions (Gouw, M.A.M. (185) 147)

Cauda epididymis (rat)
Acetylcholine; Noradrenaline; Prejunctional supersensitivity; Vasectomy; (Denervation) (Ventura, S. (174) 227)

Caudate nucleus
Tyrosine hydroxylase; Dopamine D-1 receptors; Nucleus accumbens; Substantia nigra; Hybridization (in situ) (Schalling, M. (188) 277)

Ca^{2+} uptake
Non-steroidal anti-inflammatory drugs (NSAID); Platelets; Thromboxane A_2 (Gill, J. (187) 135)

C57BL/6J mouse
Melatonin; 2-[^{125}I]Iodomelatonin; Receptor autoradiography; C3H/HeN mice (Siuciak, J.A. (180) 387)

Luzindole (N-0774); Melatonin receptor antagonists; C3H/HeN mouse; ND/4 mouse; Forced swimming test (Dubocovich, M.L. (182) 313)

β-CCE (ethyl-β-carboline-3-carboxylate)
Anaesthesia antagonists; Ro15-4513; Ro15-1788; Methoxyflurane; (Rat) (Miller, D.W. (173) 1)

[^{3}H]β-CCE ([^{3}H]β-carboline-3-carboxylic acid ethyl ester)
Non-benzodiazepine binding sites; Silver; Forebrain (rat) (Korneyev, A.Y. (173) 201)

CCK-B receptors
CCK receptor antagonists; L-365,260; L-365,031; Opiate analgesia; Opiate tolerance; (Rat) (Dourish, C.T. (176) 35)

CCK (cholecystokinin)
Tifluadom; Analgesia (Gericke, M. (180) 187)

CCK receptors; Autoradiography; Brain (Carlberg, M. (191) 107)

CCK receptor antagonists
L-365,260; L-365,031; CCK-B receptors; Opiate analgesia; Opiate tolerance; (Rat) (Dourish, C.T. (176) 35)

PET (positron emission tomography); Pancreas; CCK receptors (peripheral); MK-329; (In vivo binding) (Sadzot, B. (185) 195)

CCK-8 receptors
Benzodiazepine receptors; Diazepam (chronic); Tolerance; Withdrawal (Harro, J. (180) 77)

CCK receptors
CCK (cholecystokinin); Autoradiography; Brain (Carlberg, M. (191) 107)

CCK receptors (peripheral)
PET (positron emission tomography); Pancreas; CCK receptor antagonists; MK-329; (In vivo binding) (Sadzot, B. (185) 195)

CCK-8s (sulfated cholecystokinin octapeptide)
β-Endorphin; Morphine; Antinociception; Pain control systems (descending); Proglumide (Suh, H.H. (179) 329)

CDP-diacylglycerol
Li^+; Inositol; Platelets (Watson, S.P. (188) 273)

Cell culture
Cerebellum; Glutamate agonists; Neurotransmitter release (Rogers, K.L. (177) 195)

Memantine; Baclofen; Anticonvulsants; Convulsants (Netzer, R. (186) 149)

Atherosclerosis; Smooth muscle cells; Cell proliferation; E5050 (Saeki, T. (189) 23)

Cell lines (stable)
$GABA_A$ receptors; Expression; Patch-clamping; Single channels (Moss, S.J. (189) 77)

Cell proliferation
Atherosclerosis; Smooth muscle cells; Cell culture; E5050 (Saeki, T. (189) 23)

β-Cells
Bumetanide; Diuretics (loop); Diabetes mellitus; Insulin release; Cl^-; Ca^{2+}; Rb^+; (Co-transport) (Sandström, P.-E. (187) 377)

Central nervous system (CNS)
Muscarinic receptors; Hypothermia; Salivation; Brain penetration; (Ex vivo binding) (Freedman, S.B. (174) 253)

Ketoprofen; Analgesia; Thalamic neurons; Arthritic rats; (Intraventricular injection) (Braga, P.C. (184) 273)

Central nervous system (CNS) tolerance
Aminoglutethimide; Aromatase inhibitors; Central side effects; (Mouse) (Ahmad, B. (182) 237)

Central side effects
Aminoglutethimide; Aromatase inhibitors; Central nervous system (CNS) tolerance; (Mouse) (Ahmad, B. (182) 237)

Cephalic vein (canine)
α_1-Adrenoceptors; α_2-Adrenoceptors; Spare receptors; Phenoxybenzamine (Moura, D. (179) 9)

Cerebellar
5-Hydroxytryptamine (5-HT, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; Purkinje cells; (In vitro) (Darrow, E.J. (175) 145)

Cerebellum
cGMP; Kainic acid; Quisqualic acid; NMDA (N-Methyl-D-aspartic acid); Barbiturates; Drug dependence; Drug withdrawal (McCaslin, P.P. (173) 127)

Cell culture; Glutamate agonists; Neurotransmitter release (Rogers, K.L. (177) 195)

Nitric oxide (NO); NMDA (N-methyl-D-aspartate); Arginine; cGMP (East, S.J. (184) 311)

Inositol 1,4,5-trisphosphate; Receptor heterogeneity; Adrenal cortex; Heparin (Willcocks, A.L. (189) 185)

Cerebellum (guinea-pig)
κ-Opioid receptors (multiple); [^{3}H]U69593; [^{3}H]Bremazocine; (Binding studies) (Tiberi, M. (188) 379)

Cerebellum membranes (rabbit and guinea-pig)
[^{3}H]Etorphine; [^{3}H]Diprenorphine; Sucrose gradients; 5′-Guanylylimidodiphosphate (GppNHp) (Frances, B. (189) 1)

Cerebral artery
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; GR 43175; 5-HT receptors; Migraine; 5-HT_1-like receptors (Parsons, A.A. (174) 189)

Nicardipine; Nimodipine; Verapamil; Ca^{2+}-free medium; Vasoconstriction (Salom, J.B. (177) 1)

5-HT_1-like receptors; 5-HT_2 receptors; Haemolysate; Endothelium (Gaw, A.J. (179) 35)

Endothelin; Vasospasm; Vasocontraction; HA1077 (Asano, T. (190) 365)

Cerebral artery (bovine)
Adrenoceptor function (heterogeneity of); Prazosin; Yohimbine; α_1-Adrenoceptors (Ayajiki, K. (191) 417)

Cerebral artery (cat)
Muscarinic receptor subtypes; Muscarinic receptor agonists; Muscarinic receptor antagonists; Endothelium-dependent relaxation (Dauphin, F. (178) 203)

Cerebral blood flow
Antihypertensive drugs; Nifedipine; Captopril; Propranolol; Spontaneously hypertensive rats (SHR) (Ooboshi, H. (179) 253)

Cerebral blood flow (regional)
BY-1949; Cerebrovascular disease (Sugawa, M. (178) 255)

Cerebral cortex
Adenylate cyclase; Ca^{2+}; Hippocampus; 5-HT receptors (Mørk, A. (175) 237)

Cerebral cortex (rat)
α-Adrenoceptors; cAMP; Norepinephrine; Yohimbine; Clonidine (Kuno, N. (176) 281)

Inositol phospholipid breakdown; Adenylate cyclase; Phospholipase C; G-proteins; Carbachol; Li^+, K^+; NaF (Tiger, G. (188) 51)

NMDA receptors; Ethanol; Aliphatic alcohols; Noradrenaline release (Fink, K. (191) 225)

Cerebral ischemia
Adamantane derivatives; Dizocilpine; Hypoxia; Neurons; (Rat) (Seif el Nasr, M. (185) 19)

Baroreflex (vagal); Ifenprodil; Flunarizine (Kurihara, J. (190) 23)

Cerebro-cortical culture
GABA (γ-aminobutyric acid); Excitotoxicity; Glutamate; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate (Erdö, S.L. (182) 203)

Vinpocetine; Excitotoxic cell death; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; Glutamate (Erdö, S.L. (187) 551)

Cerebrovascular disease
BY-1949; Cerebral blood flow (regional) (Sugawa, M. (178) 255)

c-fos gene
Estrogen-inducible genes; CNS; Steroid hormones (Cattaneo, E. (188) 153)

CGP 28392
BAY k 8644; Nifedipine; Mg^{2+}; Ryanodine; Excitation-contraction coupling; Ca^{2+} release; Force-frequency relation; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

CGP 35348
Baclofen; $GABA_B$ receptor antagonists; $GABA_B$ receptors; GABA (γ-aminobutyric acid); Hippocampus; Spinal cord; (Rat) (Olpe, H.-R. (187) 27)

CGP 37849
Electrophysiology; CGP 39551; AP5; Hippocampus; Substantia nigra; Spinal cord; NMDA receptor competitive antagonists; (Rat) (Pozza, M.F. (182) 91)

CGP 39551
Electrophysiology; CGP 37849; AP5; Hippocampus; Substantia nigra; Spinal cord; NMDA receptor competitive antagonists; (Rat) (Pozza, M.F. (182) 91)

CGRP (calcitonin gene-related peptide)
Capsaicin; Substance P; Ruthenium red (Takaki, M. (174) 57)

Blood pressure (rat); Cyclic peptides; (N-terminal fragments) (Maggi, C.A. (179) 217)

Capsaicin; Ruthenium red; Ileum; (Ascending pathway); (Guinea-pig) (Jin, J.-G. (180) 13)

Small intestine (isolated); Jejunum; Ileum; Vasoactive intestinal polypeptide (VIP); (Human) (Maggi, C.A. (185) 169)

Piperine; Capsaicin; Substance P; Ruthenium red; Ileal motility; (Guinea-pig) (Takaki, M. (186) 71)

Noradrenaline; α,β-Methylene ATP; Sympathetic nerve stimulation; Ear artery (rabbit, central) (Maynard, K.I. (187) 171)

Norepinephrine release; Medulla oblongata; Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY) (Tsuda, K. (191) 101)

CGS-15943A
Adenosine receptors; Adenosine receptor antagonists; Smooth muscle (vascular); Coronary artery (human); Mammary artery (internal) (Sabouni, M.H. (187) 525)

CGS19755
NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Quisqualate; Excitatory amino acid; LY233053; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

Chelators
Ca^{2+}; Fluoroacetic acid; Fluorocitric acid; EDTA; EGTA; Seizures; Toxicity (Hornfeldt, C.S. (179) 307)

Chemical modification
Imipramine binding; Structure model (Fomenko, A.M. (189) 175)

C3H/HeN mice
Melatonin; 2-[^{125}I]Iodomelatonin; Receptor autoradiography; C57BL/6J mice (Siuciak, J.A. (180) 387)

Luzindole (N-0774); Melatonin receptor antagonists; ND/4 mouse; C57BL/6J mouse; Forced swimming test (Dubocovich, M.L. (182) 313)

Chirality
NMDA (N-methyl-D-aspartate); Ketamine; Pain; Perception; Phencyclidine receptors; σ Receptors (Klepstad, P. (187) 513)

Chlomipramine
$5\text{-}HT_{1A}$ receptor agonists; SK&F 38393; Vacillatory behavior; Spontaneous alternation (Whitaker-Azmitia, P.M. (180) 305)

Chloral hydrate
Amphetamine; MDMA (3,4-methylenedioxymethamphetamine) (Schmidt, C.J. (191) 213)

Chloral hydrate anaesthesia
Microdialysis; Striatum; Acetylcholine; (Rat) (Bertorelli, R. (175) 79)

Chlordiazepoxide
GABA receptor antagonists; GABA receptor agonists; Acetylcholine receptor antagonist; Cholinergic neuronal system; Passive avoidance response; (Mouse) (Nabeshima, T. (182) 555)

Diazepam; Benzodiazepines; Open-field test; Anxiolytics; (Rat) (Bruhwyler, J. (187) 547)

Chlorethylclonidine
α_1-Adrenoceptors; α_1-Adrenoceptor subtypes; Receptor alkylation; (Receptors) (Piascik, M.T. (180) 381)

β-Chlornaltrexamine
Opioid affinity; Ileum (guinea-pig); Vas deferens (mouse) (Porreca, F. (179) 129)

2-Chloroadenosine
Vas deferens; N-Ethylmaleimide; Clonidine; Idazoxan; FK 33-824; (mouse); (Stimulation parameters) (Kaschube, M. (178) 151)

p-Chloroamphetamine
1-(4-Chlorophenyl)-2-aminobutane (CAB); Drug discrimination; Microdialysis in vivo; Uptake inhibition; 5-HT neurotoxicity (Johnson, M.P. (191) 1)

Chloroethylclonidine
α_1-Adrenoceptors; Non-α-adrenoceptor site (Oriowo, M.A. (178) 243)

7-Chlorokynurenic acid
Glycine receptors; Kynurenic acid; Bicuculline; Convulsions; Area tempestas; Glutamate; NMDA receptors; Epilepsy (Wardas, J. (187) 59)

NMDA (N-methyl-D-aspartate); HA-966; Glycine; Spinal cord; Cortical wedge; (Electrophysiology) (Brugger, F. (191) 29)

1-(4-Chlorophenyl)-2-aminobutane (CAB)
p-Chloroamphetamine; Drug discrimination; Microdialysis in vivo; Uptake inhibition; 5-HT neurotoxicity (Johnson, M.P. (191) 1)

Chloroquine
Quinacrine; Cardiac contraction; Ca^{2+}; (Guinea-pig) (Tona, L. (178) 293)

Chlorpromazine
Stereotypic behavior; Dopamine receptors; Haloperidol; Clozapine; Thioridazine (Carvey, P.M. (184) 43)

Cholecystokinin (CCK)
Acetylcholine release; L-364,718; Myenteric plexus; Neuronal cholecystokinin receptors (Zelles, T. (178) 101)

Vasoactive intestinal peptide (VIP); Blood pressure; Renal nerve activity; Baroreflex (Koyama, S. (175) 245)

Insulin secretion; Glucagon secretion; Peptide receptor antagonists; Vasoactive intestinal polypeptide (VIP); Gastrin-releasing peptide (GRP); (Mouse); (In vivo) (Karlsson, S. (191) 457)

Cholecystokinin (CCK) analogues
Amylase secretion; Dopamine; Turning behaviour; (Binding) (Mendre, C. (186) 213)

Cholecystokinin (CCK) peptides
Neuropeptide Y (NPY); Hypothalamus (Gourch, A. (187) 117)

Cholera toxin
Pertussis toxin; G-proteins; Down-regulation (Carr, C. (188) 203)

Cholesterol
Taurine; Fatty lesions; Atherosclerosis; Antioxidants (Petty, M.A. (180) 119)

Choline
Microdialysis; Acetylcholine; Scopolamine; Oxotremorine; Nicotine; Brain regions (Toide, K. (173) 133)

Phorbol ester; Protein kinase C; Phosphatidylcholine; Heart; Striatum (Sandmann, J. (188) 89)

Choline acetyltransferase
Quinolinic acid; Gangliosides; Excitotoxicity; Huntington's chorea; L-Glutamic acid decarboxylase (Lombardi, G. (174) 123)

Choline esterase inhibition
Tacrine; Acetylcholine; (Heart) (Lindmar, R. (190) 251)

Cholinergic neural stimulation
Bronchi (human); Neurokinin A; K^+ channels (Black, J.L. (180) 311)

Cholinergic neuronal system
Chlordiazepoxide; GABA receptor antagonists; GABA receptor agonists; Acetylcholine receptor antagonist; Passive avoidance response; (Mouse) (Nabeshima, T. (182) 555)

Cholinergic supersensitivity
Behaviour (submissive); Water competition; Verapamil (Pucilowski, O. (187) 507)

Chorioallantoic membrane
Vitamin D_3 analogues; Embryonic angiogenesis; Anti-angiogenic activity (Oikawa, T. (178) 247)

Choroid plexus
Sympathetic nerves; Presynaptic regulation; VIP (vasoactive intestinal polypeptide); PHI (peptide histidine isoleucine); Neuropeptide Y (NPY) (Nilsson, C. (181) 247)

Chromaffin cells
Nociception; Pain modulation; Enkephalinase; Neural grafts (Sagen, J. (179) 427)

Chronic ethanol
Vasopressin mRNA (mouse); Plasma osmolality; Vasopressin (plasma); In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Chronic treatment
β_1-Adrenoceptors; β_2-Adrenoceptors; Ventricle (isolated); Skeletal muscle; ^{125}I-Cyanopindolol; Adenylate cyclase; (Antagonists) (Elfellah, M.S. (173) 85)

Chronotropic
Hypotension; Hemodynamics; Atria (Yang, M.C.M. (182) 537)

Ciliary muscle
EGF (epidermal growth factor-urogastrone); Prostaglandin E_1; Vasopressin (Yamaguchi, K. (191) 245)

Circadian rhythm
β-Endorphin; Acetyl-l-carnitine; Hypothalamus-pituitary-gonadal axis (Genazzani, A.R. (186) 177)

Circling behaviour
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); MPP^+ (1-methyl-4-phenylpyridine); Substantia nigra; Ageing; (Supersensitivity) (Lange, K.W. (175) 57)

Dopamine release; Microdialysis; Kainic acid (Pani, L. (180) 85)

Circular muscle
κ Opioid receptors; Ileum myenteric plexus (guinea-pig); Mucosa (Dissanayake, V.U.K. (182) 73)

Circulatory filling pressure (mean)
Capacitance vessels; Cardiotonic; MCI-154; Venodilator effect (Satoh, N. (175) 317)

Prazosin; Rauwolscine; α-Adrenoceptor antagonists; Venous tone; Hexamethonium (D'Oyley, H.M. (182) 283)

β-Adrenoceptors; Venous compliance; Ganglionic blockers; Hexamethonium (Abdelrahman, A. (190) 321)

Cisapride
Benzamides; BRL 24924; 5-HT (5-hydroxytryptamine, serotonin); Ileum (guinea-pig) (Van den Brink, H.W. (181) 119)

Citalopram
5-HT autoreceptors; Antidepressants; 5-HT release; Milnacipran (Moret, C. (180) 351)

[^{3}H]Citalopram
[^{3}H]Paroxetine; 5-Hydroxytryptamine (5-HT) transport complex; Receptor modulation; Brain (rat) (Plenge, P. (189) 129)

Cl^-
Bumetanide; Diuretics (loop); β-Cells; Diabetes mellitus; Insulin release; Ca^{2+}; Rb^+; (Co-transport) (Sandström, P.-E. (187) 377)

Class III effect
N-Acetylprocainamide; Sotalol; K^+ currents (delayed outward) (Komeichi, K. (187) 313)

Cl^- channels
GABA (γ-aminobutyric acid); Glutamate; Concentration clamp; (*Aplysia* neuron); (Internal perfusion); (Voltage clamp) (Oyama, Y. (185) 43)

Cl^- currents
$GABA_A$ receptors; Hippocampus; Cortex; Ethanol; (Neuron) (Aguayo, L.G. (187) 127)

Cl^- flux
GABA (γ-aminobutyric acid); Benzodiazepine; Tolerance; β-Carboline; DMCM (methyl-6,7-dimethoxy-4-ethyl-β-carboline-3-carboxylate) (Ngur, D.O. (176) 351)

Climbing behaviour
Apomorphine; N-n-Propylnorapomorphine (NPA); Hypothermia; Dopamine D-1 receptors; Dopamine D-2 receptors (Moore, N.A. (178) 195)

^{36}Cl influx
Phaclofen; Ethanol; Picrotoxin; NMDA (N-methyl-D-aspartate); GABA receptor subtypes (Mehta, A.K. (182) 473)

Cl^- ionophore
Steroids; Pregnenolone sulfate; Brain; $GABA_A$ receptor (Majewska, M.D. (189) 307)

Cl^- ions
Smooth muscle (vascular); SCN^- anions; Sex hormones; Sexual dimorphism; Ca^{2+} metabolism (Zhang, A. (179) 287)

Clonidine
[^{3}H]p-Aminoclonidine; Clonidine-displacing substance (CDS); Imidazole binding sites; (Radioligand binding) (Ernsberger, P. (174) 135)

α_2-Adrenoceptors; Ca^{2+} channel blockers; Kidney; Proximal tubule; UK 14,304; Diuresis; (Radioligand binding); (Rat) (Stanko, C.K. (175) 13)

α-Adrenoceptors; cAMP; Cerebral cortex (rat); Norepinephrine; Yohimbine (Kuno, N. (176) 281)

Epilepsy; El mice; Yohimbine; α_1-Adrenoceptors; α_2-Adrenoceptors (Tsuda, H. (176) 321)

Vas deferens; N-Ethylmaleimide; 2-Chloroadenosine; Idazoxan; FK 33-824; (mouse); (Stimulation parameters) (Kaschube, M. (178) 151)

Clonidine-displacing substance (CDS)
[^{3}H]p-Aminoclonidine; Clonidine; Imidazole binding sites; (Radioligand binding) (Ernsberger, P. (174) 135)

Imidazoline receptors; α_2-Adrenoceptors (Zonnenschein, R. (190) 203)

Clorgyline
[^{3}H]Brofaromine binding; MAO-A (monoamine oxidase A); Brofaromine; Moclobemide; Microsomal liver enzymes (Waldmeier, P.C. (180) 297)

Cloriczomene
Aequorin-loaded platelets; Aggregation; Ca^{2+} movements; ADP; Adrenaline (Del Maschio, A. (187) 541)

Clozapine
Neuroleptics (chronic); Haloperidol; Raclopride; Tardive dyskinesia; (Rodent models) (See, R.E. (181) 175)

5-HT_3 receptor sites; [^{3}H]Q ICS 205-930; Neuroleptics; Brain (rat); Superior cervical ganglion (rat) (Watling, K.J. (182) 465)

Stereotypic behavior; Dopamine receptors; Haloperidol; Thioridazine; Chlorpromazine (Carvey, P.M. (184) 43)

Dopamine D_1 receptors; Dopamine D_2 receptors; Jerking behaviour; Grooming behaviour; (Rat) (Murray, A.M. (186) 79)

Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Haloperidol; Ritanserin; Neuroleptics (Lappalainen, J. (190) 403)

[^{3}H]Mesulergine; [^{3}H]Ketanserin; 5-HT_{1C} receptors; 5-HT_2 receptors (Canton, H. (191) 93)

Clozapine (chronic)
Haloperidol (chronic); Dopamine release and metabolism; Microdialysis (Ichikawa, J. (176) 371)

Cl^- secretion
Ion transport; Loperamide; Epithelium; Airways (dog) (Tamaoki, J. (190) 255)

Cl^- transport
GABA (γ-aminobutyric acid); Glycine; Optic tectum; Ammonium; Penicillin; Excitatory synaptic transmission (Mazda, G.Y. (179) 111)

CNQX (6-cyano-7-nitroquinoxaline-2,3-dione)
Quisqualate; AMPA (α-amino-3-hydroxy-5-methylisoxazole-4-propionate); Kynurenate; Retinal ganglion cell; Excitatory amino acid (Aizenman, E. (174) 9)

Quisqualate; Epilepsy; AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); NMDA receptor antagonists; (Epileptic chickens) (Pedder, S.C.J. (175) 85)

CNS (central nervous system)
Estrogen-inducible genes; c-fos gene; Steroid hormones (Cattaneo, E. (188) 153)

Cocaine
Striatum; Nucleus accumbens; Dopamine transporters (Boja, J.W. (173) 215)

[^{3}H]GBR 12935; GBR 12909; Mazindol; Dopamine uptake; Nucleus accumbens; Striatum (Berger, P. (177) 91)

Analgesia; Medetomidine; Atipamezole; Formalin test; Tail-flick test; Mechanical pain; (Rat) (Pertovaara, A. (179) 323)

Catecholamines (central); Norepinephrine; Dopamine; (Short- and long-term effects of cocaine) (Karoum, F. (186) 1)

Behaviour; Ca^{2+} channel antagonists; Drug discrimination; Nimodipine; (rat) (Callahan, P.M. (186) 143)

Locomotion; 5-HT_3 receptor antagonists; (Mouse) (Reith, M.E.A. (186) 327)

Amphetamine; Dopamine; Ca^{2+} channels; Dihydropyridines; Microdialysis; Locomotor activity (Pani, L. (190) 217)

Flunarizine; (−)-Sulpiride; Microdialysis; [^{3}H]Spiperone binding; Motor activity (Pani, L. (190) 223)

Deoxycorticosterone; σ Receptors; Dopamine receptors; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-(1-propyl)piperidine) (Massamiri, T. (190) 295)

Cocaine binding sites
Dopamine transporters; Dopamine uptake; Striatum (Boja, J.W. (184) 329)

Cognition assays
THA (9-amino-1,2,3,4-tetrahydroacridine); Acetylcholinesterase inhibition; Brain acetylcholine (Nielsen, J.A. (173) 53)

Cognitive-enhancing effects
Vinpocetine; Locus coeruleus; Noradrenaline; Unit activity (Gaál, L. (187) 537)

Collecting tubule
Aminoglycosides; Adenosine 3′,5′-cyclic monophosphate; [Arg^8]vasopressin (AVP); Henle's loop (thick ascending limb of) (Kidwell, D. (191) 489)

Colloidal bismuth subcitrate
Mucus physicochemical qualities; Gastric mucosal protection; (Rat) (Piotrowski, J. (184) 55)

Colocytes
α_2-Adrenoceptors; Non-adrenergic idazoxan binding sites (Senard, J.M. (191) 59)

Colon (mouse)
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Reserpine; Noradrenaline; (Mouse) (Hanani, M. (175) 273)

Colon (rat)
Sennosides; Rhein; Rheinanthrone; Histamine (Autore, G. (191) 97)

Computer graphics
Dopamine D_2 receptor; Benzamides; Stereoselectivity (Rognan, D. (189) 59)

Computer modeling
Adrenal medulla (bovine); Opioid receptors; κ Opioid receptors (Pesce, G.O. (182) 429)

Concanavalin A
Quisqualate; Kainate; Glutamate; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Concentration clamp
GABA (γ-aminobutyric acid); Glutamate; Cl^- channels; (*Aplysia* neuron); (Internal perfusion); (Voltage clamp) (Oyama, Y. (185) 43)

Conditioned emotional response
Morphine dependence; (Rat) (Bartoletti, M. (185) 163)

Conduction velocity
Use-dependent block; Bunazosin; α_1-Adrenoceptor antagonists; Antiarrhythmic effect (Hasegawa, J. (191) 369)

Conformation
Morphine derivatives; Dimerization; Opioid receptors; (Synthesis); (Pharmacology) (Yara, H. (188) 359)

ω-Conotoxin
Ca^{2+} channels; Presynaptic mechanism; Acetylcholine; GABA; Intracellular recording; Hippocampus; (Slice) (Dutar, P. (174) 261)

Sympathetic nerves; Tachycardia; Vasoconstriction (Pruneau, D. (184) 127)

Dihydropyridines; Ca^{2+} channels (voltage-dependent); Synaptosomes; Spinal cord; 5-HT release (Gandhi, V.C. (187) 271)

$GABA_A$ receptors; Thyrotropin-releasing hormone (TRH); Thyrotropin release in vitro; Ca^{2+} channels; G-proteins (guanine nucleotide-binding proteins) (Roussel, J.-P. (190) 135)

ω-Conotoxin GVIA
Ca^{2+} channels; Dihydropyridines; Striatal neurons; GABA release (Pin, J.-P. (188) 81)

Contractile responses
Acetaldehyde; Adrenergic transmission; Noradrenaline; Vas deferens (Takeda, R. (186) 189)

Contractility
Halothane; Morphine; Opioid receptors; Naloxone (Laorden, M.L. (175) 285)

Contraction
α_1-Adrenoceptors; Smooth muscle (vascular); G-proteins; Age; Phorbol ester (Jagadeesh, G. (189) 11)

Protein kinase C; Blood vessel; Aging; Phorbol ester; (Fischer 344 rat) (Johnson, M.D. (189) 405)

Convulsants
Memantine; Baclofen; Anticonvulsants; Cell culture (Netzer, R. (186) 149)

Convulsions
L-Lysine; Benzodiazepine receptor stimulation; GABA; Pentobarbital; Picrotoxinin (Gao, X.-M. (173) 197)

Ethacrynic acid; Noradrenaline; Epilepsy (Inoue, M. (179) 221)

Pilocarpine; SK&F 38393; SCH 23390; Substantia nigra (Al-Tajir, G. (182) 245)

Glycine receptors; 7-Chlorokynurenic acid; Kynurenic acid; Bicuculline; Area tempestas; Glutamate; NMDA receptors; Epilepsy (Wardas, J. (187) 59)

Pilocarpine; Striatum; Dopamine D_1 receptors (Al-Tajir, G. (191) 329)

Copulatory behaviour
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Exploratory behaviour; (Long-term treatment); (Male rat) (Johansson, C.E. (178) 1)

Coronary artery
5-HT (5-hydroxytryptamine, serotonin); Endothelium; (Rat) (Berg Nyborg, N.C. (186) 295)

VIP (vasoactive intestinal peptide); PHI (peptide histidine isoleucine); Vasorelaxation (Itoh, H. (181) 199)

Thimerosal; Arachidonic acid; Lysolecithin; Endothelium-dependent relaxation; (Electrophysiology) (Bény, J.-L. (185) 235)

Verapamil; Bepridil; Amiloride; Mg^{2+}; Na^+-Ca^{2+} exchange (Maseki, T. (190) 355)

Prostaglandin $F_{2\alpha}$-induced contractions; Thromboxane receptor antagonists; Smooth muscle (vascular) (Nakajima, M. (191) 359)

Coronary artery (bovine)
Muscarinic receptor subtypes; Muscarinic M_3-selective receptor antagonists; p-Fluoro-hexahydro-sila-difenidol; Ear artery (rabbit); Vascular endothelium; Smooth muscle (vascular) (Duckles, S.P. (185) 227)

Muscarinic receptors; Endothelial cells; Receptor blockade (irreversible); [^{3}H]N-Methylscopolamine (Brunner, F. (187) 145)

Coronary artery (human)
Adenosine receptors; CGS-15943A; Adenosine receptor antagonists; Smooth muscle (vascular); Mammary artery (internal) (Sabouni, M.H. (187) 525)

Coronary resistance
Fenoldopam; Propylbutyldopamine; SCH 23390; Domperidone; Peripheral resistance (Zhao, R.-R. (190) 193)

Corpus cavernosum
α-Adrenoceptor antagonists; Corpus spongiosum; Prazosin; Vas deferens; YM-12617; (Human) (Holmquist, F. (186) 87)

Corpus spongiosum
α-Adrenoceptor antagonists; Corpus cavernosum; Prazosin; Vas deferens; YM-12617; (Human) (Holmquist, F. (186) 87)

Corpus striatum
Dopamine receptors; SCH 23390; Sulpiride; Rotation; (Rat) (Konitsiotis, S. (179) 201)

Cortex
Caffeine; Forskolin; cAMP; (Rat) (Mante, S. (175) 203)

$GABA_A$ receptors; Cl^- currents; Hippocampus; Ethanol; (Neuron) (Aguayo, L.G. (187) 127)

Cortex (inferior colliculus)
Nicotinic acetylcholine receptor antagonists; Apamin; Seizures; Ca^{2+}-dependent K^+ channels (McCown, T.J. (187) 49)

Cortex (medial prefrontal)
2-Methylserotonin; $5\text{-}HT_3$ receptors; (Microiontophoresis) (Ashby, Jr., C.R. (173) 193)

Marijuana; Δ^9-Tetrahydrocannabinol; Dopamine; Microdialysis; Drugs of abuse (Chen, J. (190) 259)

Cortical kindling
Pentylenetetrazole; Cysteamine; Somatostatin; Limbic kindling (Barkai, E. (182) 167)

Cortical neurons
Somatostatin; NMDA receptors; Zn^{2+}; D-Serine; Kynurenic acid (Tapia-Arancibia, L. (186) 319)

Cortical slices
Muscarinic acetylcholine receptor; Adenylate cyclase; Calmodulin; (Depolarization) (Zhou, X.-M. (189) 327)

Cortical wedge
NMDA (N-methyl-D-aspartate); 7-Chlorokynurenic acid; HA-966; Glycine; Spinal cord; (Electrophysiology) (Brugger, F. (191) 29)

Corticosterone
$5\text{-}HT_{1A}$ receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); BP-554; ACTH; Hypothermia (Matsuda, T. (181) 295)

Sauvagine; CRF (corticotropin-releasing factor); Vagotomy; Hypophysectomy; Adrenalectomy; Gastric emptying (Broccardo, M. (182) 357)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); $5\text{-}HT_{1A}$ receptors; Adrenaline; Glycemia; Hexamethonium; Ganglionic blockade (Chaouloff, F. (185) 11)

Cortisol
Morphine tolerance; β-Endorphin; Naloxone-induced withdrawal (Martínez, J.A. (182) 117)

Cough reflex
κ Opioid receptors; U-50,488H; U-62,066E; Antitussives; $5\text{-}HT_1$ receptors (Kamei, J. (187) 281)

CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid)
NMDA (N-methyl-D-aspartate); NMDA receptor antagonists; MK-801; Vestibular compensation (Darlington, C.L. (174) 273)

Phencyclidine; Passive avoidance deficit; Benzodiazepines; Ro15-1788 (DeNoble, V.J. (175) 197)

NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Quisqualate; Excitatory amino acid; CGS19755; LY233053; DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

TCP (thienyl-phencyclidine); Postsynaptic densities; Glutamate effect (Foucaud, B. (189) 355)

mCPP (1-(3-chlorophenyl)piperazine)
Trazodone; Antidepressants (atypical); DRL 72-s schedule; 5-Hydroxytryptamine (5-HT, serotonin) (Li, A.A. (177) 137)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT receptor subtypes; Mouthing (Frambes, N.A. (182) 9)

Creatine kinase
Muscle damage; Dantrolene sodium; Exercise; Isoenzymes; Histology; Ca^{2+}; Sarcoplasmic reticulum (Amelink, G.J.H. (179) 187)

CRF (corticotropin-releasing factor)
Sauvagine; Vagotomy; Hypophysectomy; Adrenalectomy; Corticosterone; Gastric emptying (Broccardo, M. (182) 357)

α-Helical-CRF; Respiration; Brainstem; Respiratory centres; Pneumotaxic centre (Böhmer, G. (182) 405)

$5\text{-}HT_{1A}$ receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; (Neuroendocrine) (Owens, M.J. (190) 113)

CRL40598
Pancreatic exocrine secretion; Adrenoceptors; Buflomedil; CRL40634 (Chariot, J. (175) 229)

CRL40634
Pancreatic exocrine secretion; Adrenoceptors; Buflomedil; CRL40598 (Chariot, J. (175) 229)

Cromakalim
Hyperpolarization; Aorta (rat) (Doggrell, S.A. (174) 131)

Smooth muscle; Membrane conductance; Taenia caeci; Glibenclamide (Den Hertog, A. (174) 287)

Pinacidil; Glibenclamide; K^+ channels; Smooth muscle (airway) (Nielsen-Kudsk, J.E. (180) 291)

Ro31-6930; Doppler flowmetry (pulsed); Haemodynamics; (Anaesthetised rat) (Duty, S. (185) 35)

Nifedipine; Ca^{2+} channels; K^+ channels; ^{86}Rb efflux; (Membrane potential) (McHarg, A.D. (185) 137)

Blood flow (regional); Spontaneously hypertensive rats (SHR) (conscious) (Shoji, T. (186) 119)

ATP-sensitive K^+ channels; RP49356; Diazoxide; Glibenclamide; Galanin; Portal vein (rat) (Longmore, J. (190) 75)

[^{3}H]CTOP
Neuroblastoma; SH-SY5Y; μ Opioid receptors (Toll, L. (176) 213)

CTOP (D-Pen-Cys-Tyr-D-Trp-Orn-Thr-Pen-Thr-NH_2)
Place conditioning; Opioid receptors; β-Endorphin; ICI 174,864; (Reinforcement) (Bals-Kubik, R. (175) 63)

Cutaneous vasculature
β-Adrenoceptor antagonists; Carvedilol; Labetalol; Vasodilatation (Willette, R.N. (176) 237)

^{125}I-Cyanopindolol
β_1-Adrenoceptors; β_2-Adrenoceptors; Chronic treatment; Ventricle (isolated); Skeletal muscle; Adenylate cyclase; (Antagonists) (Elfellah, M.S. (173) 85)

β_1- Adrenoceptors; β_2-Adrenoceptors; Left ventricle; Gastrocnemius muscle; Adenylate cyclase; Desensitization (Elfellah, M.S. (182) 387)

^{125}I-(−)-Cyanopindolol binding
β-Adrenoceptors; Autoradiography; Nasal mucosa; (Rat) (Van Megen, Y.J.B. (182) 515)

Cyclic nucleotide phosphodiesterase
Tiflucarbine; Calmodulin (binding to) (Schmidt, B.H. (189) 411)

Cyclic peptides
CGRP (calcitonin gene-related peptide); Blood pressure (rat); (N-terminal fragments) (Maggi, C.A. (179) 217)

Cyclooxygenase
Prostaglandin synthesis inhibition; Brain; Analgesic activity (Ferrari, R.A. (179) 25)

Cyclosporine A
Endothelin; Kidney; Endothelin receptors (Nambi, P. (187) 113)

Cyproheptadine
Muscarinic receptor subtypes; (Selectivity, Functional studies) (Eltze, M. (173) 219)

Cysteamine
Pentylenetetrazole; Somatostatin; Cortical kindling; Limbic kindling (Barkai, E. (182) 167)

Cytochrome P450
Anticonvulsants; Epilepsy; Leydig cells; Testosterone (Kühn-Velten, W.N. (181) 151)

Cytoprotection
Stomach; Gastric acid; Ulcerations; Prostaglandins (Konturek, S.J. (176) 187)

Interleukin-1; Ulcer; Gastric damage; Duodenal ulceration; Prostaglandins (Wallace, J.L. (186) 279)

Esaprazole; Gastric secretion; Prostaglandin E_2; Prostaglandin I_2; Anti-ulcer agents (Zuccari, G. (187) 19)

Cytoskeleton
Protein kinase; Uterus (rat); Smooth muscle (Karibe, H. (188) 407)

Cytosolic Ca^{2+}
Propylbenzilylcholine mustard-sensitive cholinoceptors; Propylbenzilylcholine mustard-insensitive cholinoceptors; Muscarinic M_3 receptors (Takayanagi, I. (187) 139)

Cytosolic, free Ca^{2+}
Receptor systems; Atropine; Antidepressant drugs; Xerostomia; (Competitive inhibition) (Dissing, S. (177) 43)

DADLE ([D-Ala^2,D-Leu^5]enkephalin)
Sufentanil; Tolerance; Respiratory depression; (Rat) (Ayesta, F.J. (175) 1)

Heart; Sensory nerves; Opioid receptors; DAGO ([D-Ala^2,N-MePhe^4,Gly^5-ol]enkephalin) (Mantelli, L. (180) 325)

DAGO ([D-Ala^2,N-MePhe^4,Gly^5-ol]enkephalin)
Heart; Sensory nerves; Opioid receptors; DADLE ([D-Ala^2,D-Leu^5]enkephalin) (Mantelli, L. (180) 325)

DAMGO ([D-Ala^2,MePhe^4,Gly^5-ol]enkephalin)
Morphine; Tolerance-dependence; Abstinence; B_{max} (maximal binding capacity); K_d (apparent dissociation constant); Brain regions; Spinal cord (Bhargava, H.N. (190) 305)

4-DAMP (4-diphenylacetoxy-N-methylpiperidine)
Muscarinic receptor subtypes; Ileum (longitudinal) (Michel, A.D. (176) 197)

Acetylcholine release; Striatum; Atropine; Pirenzepine; AF-DX 116 (De Boer, P. (179) 167)

Dantrolene
Ca^{2+} release (Ca-induced); Caffeine; Sarcoplasmic reticulum; Skeletal muscle (skinned) (Ohta, T. (178) 11)

Dantrolene sodium
Trachea (guinea-pig); Ca^{2+} channel blockers; Caffeine; (Skinned trachea) (Sanz, C.M. (176) 177)

Muscle damage; Exercise; Creatine kinase; Isoenzymes; Histology; Ca^{2+}; Sarcoplasmic reticulum (Amelink, G.J.H. (179) 187)

DDT_1 MF-2 cells
Smooth muscle cells; P_2 purinoceptors; Inositol phosphates; Membrane currents (Hoiting, B. (181) 127)

Smooth muscle cells; P_2 purinoceptors; Inositol phosphates; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

Ca^{2+} (intracellular); Smooth muscle; Membrane current; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Defecation
Lower lip retraction; 5-HT_{1A} receptors; (Rat); (Functional agonism); (Antagonism) (Berendsen, H.H.G. (187) 97)

Defensive burying
Ipsapirone; Heart rate; Anxiety; (Rat) (Korte, S.M. (181) 307)

Deglycosylation
Muscarinic acetylcholine receptors; Endoglycosidase F; G-proteins (Ohara, K. (189) 341)

Degranulation
PAF (platelet-activating factor, PAF-acether); Ca^{2+} channel blockers; PAF receptors; Superoxide production; Neutrophil granulocytes (human) (Filep, J.G. (190) 67)

Delapril
Renin-angiotensin system; Vascular tissue; Captopril; Angiotensin II; (Anesthetized rat) (Mizuno, K. (184) 169)

Denervation
Skeletal muscle (mammalian); Ca^{2+} binding sites; Amphiphiles; (Contraction) (Léoty, C. (174) 91)

Urinary bladder; Vasopressin; (Rat) (Uvelius, B. (182) 549)

Dental pulp
PAF (platelet-activating factor, PAF-acether); Prostaglandin I_2; Thromboxane A_2; Signal transduction; (Rat); (Receptors) (Hirafuji, M. (185) 81)

Dentate gyrus
Methylglucamine orotate; Memory; Long-term potentiation (LTP); (Field potentials) (Krug, M. (173) 223)

Deoxycorticosterone
Cocaine; σ Receptors; Dopamine receptors; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-(1-propyl)piperidine) (Massamiri, T. (190) 295)

2-Deoxyglucose
Benzodiazepine receptors; β-Carboline; ZK 93 426; Learning; (Rat) (Sarter, M. (177) 155)

Dependence
Paradoxical analgesia; Naloxone; Up-regulation; Morphine (Suzuki, T. (178) 239)

Benzodiazepines; Tolerance; Flumazenil (Löscher, W. (180) 255)

Benzodiazepines; Withdrawal; Ondansetron (GR38032F); 5-HT_3 receptors; (Rat) (Goudie, A.J. (185) 179)

Benzodiazepines; Partial agonists; Precipitated withdrawal; Minipumps (Moreau, J.-L. (190) 269)

Depolarisation
Angiotensin II; 5-HT (5-hydroxytryptamine, serotonin); Saralasin; Temperature sensitivity; Nodose ganglion; (Rat) (Widdop, R.E. (185) 107)

Deprenyl
DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine); MAO B inhibition; Neurotoxicity (mechanisms); Parkinson's disease; Aging (Finnegan, K.T. (184) 119)

Depressant effects (central)
Quazepam; Brotizolam; Zopiclone; Zolpidem; Anticonvulsants; Food intake (mouse); Benzodiazepine ω_1 receptor sites; (Intrinsic activity) (Perrault, G. (187) 487)

Depression
[^{3}H]Imipramine binding; Endacoids; 5-HT uptake; Zinc chelates (Artigas, F. (181) 9)

Castration; Gonadotropin-releasing hormone (GnRH); [^{3}H] Imipramine binding sites; Tail suspension test; (Mouse) (Bernardi, M. (187) 501)

Descending colon mucosa
Somatostatin analogues; Antisecretory effects; Electrogenic Cl^- secretion (Ferrar, J.A. (184) 295)

Desensitization
β_1- Adrenoceptors; β_2-Adrenoceptors; Left ventricle; Gastrocnemius muscle; ^{125}I-Cyanopindolol; Adenylate cyclase (Elfellah, M.S. (182) 387)

Adenylate cyclase; β-Adrenoceptors; Myocytes; Noradrenaline (Jones, S.M. (191) 129)

Histamine receptors; Phosphoinositide hydrolysis; Protein kinase C (Cowlen, M.S. (188) 105)

Desensitization (heterologous)
Desensitization (homologous); Dopamine receptors; Adenylate cyclase; Striatum; (Neurons) (Chneiweiss, H. (189) 287)

Desensitization (homologous)
Desensitization (heterologous); Dopamine receptors; Adenylate cyclase; Striatum; (Neurons) (Chneiweiss, H. (189) 287)

Desipramine
Imipramine; Lithium; Pharmacokinetics (cerebral); Norepinephrine; Serotonin (Yoshida, T. (173) 143)

Idazoxan; 1-(2-Pyrimidinyl)piperazine (1-PP or PmP); Antidepressant activity; α_2-Adrenoceptors; Locus coeruleus (Cervo, L. (175) 301)

Ethanol; β-Adrenoceptors; Down-regulation; Frontal cortex; Hippocampus (Turkka, J. (177) 171)

Nucleus accumbens; (−)-Sulpiride; Forced swimming test; Fluphenazine; (Rat) (Cervo, L. (178) 129)

Forced swimming test; Picrotoxin; Imipramine; $GABA_A$-benzodiazepine-Cl complex; Open field (Fernández-Teruel, A. (181) 35)

Antidepressants; Adenylyl cyclase; β-Adrenoceptors; Brain; (Rat) (Tiong, A.H.K. (188) 411)

Desmethylazelastine
Smooth muscle (airway); Azelastine; Trachealis (human); Bronchomotor tone; (Electromechanical responses) (Richards, I.S. (186) 331)

Detergent solubilization
α_1-Adrenoceptors; Ligand affinity; Antihypertensive agents; Prazosin (Shreeve, S.M. (188) 71)

Development
Dopamine release; SK&F 38393; SCH 23390; Striatum; Intracerebral dialysis (Walters, D.E. (184) 257)

Dexamphetamine
[^{3}H]GBR 12783 binding in vivo; Dopamine uptake complex; Locomotor activity (Vaugeois, J.-M. (178) 221)

Dexmedetomidine
α_2-Adrenoceptors; Monoamines; (Chronic treatment) (Koulu, M. (176) 151)

Dextrorphan
Glycine; Glutamate; Noncompetitive NMDA antagonists; Brain; (Rat) (Franklin, P.H. (189) 89)

Diabetes insipidus
Quinpirole; [Arg^8]vasopressin (AVP); Catecholamines; Blood pressure; Dopamine (Damase-Michel, C. (184) 179)

Diabetes mellitus
Bumetanide; Diuretics (loop); β-Cells; Insulin release; Cl^-; Ca^{2+}; Rb^+; (Co-transport) (Sandström, P.-E. (187) 377)

Dialysis (in vivo)
Norepinephrine; Serotonin; Nociception; Raphe nuclei (Bowker, R.M. (175) 101)

Diaphragm
Acetylcholine esterase reactivators; HI 6; HLö 7; Obidoxime; Pralidoxime (Alberts, P. (184) 191)

Diazepam
Stress; Dopamine release; Mesocortical dopamine system; Mesolimbic dopamine system; ICS 205-930 (Imperato, A. (175) 211)

Microdialysis; Noradrenaline; Foot-shock (Rossetti, Z.L. (176) 229)

Tolerance; Ro15-1788; WAG/Rij inbred strain; Epilepsy (non-convulsive) (Peeters, B.W.M.M. (178) 111)

Elevated plus-maze; Anxiety; Handling; Habituation; (Rat) (Brett, R.R. (178) 135)

Stress (emotional); Heart rate; Bradycardia; Immobility; Anxiolytics; Ipsapirone (TVX Q 7821) (Korte, S.M. (179) 393)

GABA (γ-aminobutyric acid); Pentobarbitone; Bicuculline; Picrotoxin; Baclofen; GABA-benzodiazepine receptors; Ion channels; Neurons; (Snail) (Kim, K.H. (182) 49)

Chlordiazepoxide; Benzodiazepines; Open-field test; Anxiolytics; (Rat) (Bruhwyler, J. (187) 547)

Diazepam (chronic)
CCK-8 receptors; Benzodiazepine receptors; Tolerance; Withdrawal (Harro, J. (180) 77)

Diazoxide
ATP-sensitive K^+ channels; Cromakalim; RP49356; Glibenclamide; Galanin; Portal vein (rat) (Longmore, J. (190) 75)

1,9-Dideoxy-forskolin
Forskolin; Adenylate cyclase; Acetylcholine release; Hippocampus; (Rabbit) (Allgaier, C. (181) 279)

Digastricus muscle (anterior)
5-HT receptors (central); α-Adrenoceptors (central); (In vivo pharmacological test) (Rawlow, A. (191) 263)

Digitonin extracts (soluble)
Brain membranes (frog); [^{3}H]DipHrenorphine binding; Sucrose gradients (sedimentation in) (Roussin-Pascaud, A. (189) 393)

Dihydropyridines
4-Aminopyridine; Ca^{2+}; Hippocampus; Limbic seizures; Wet-dog shakes (Fragoso-Veloz, J. (178) 275)

Ca^{2+} sensitivity; Spontaneously hypertensive rat (SHR); Mesenteric resistance artery (Boonen, H.C.M. (179) 403)

ω-Conotoxin; Ca^{2+} channels (voltage-dependent); Synaptosomes; Spinal cord; 5-HT release (Gandhi, V.C. (187) 271)

Ca^{2+} channels; ω-Conotoxin GVIA; Striatal neurons; GABA release (Pin, J.-P. (188) 81)

Cocaine; Amphetamine; Dopamine; Ca^{2+} channels; Microdialysis; Locomotor activity (Pani, L. (190) 217)

1,4-Dihydropyridines
Ca^{2+}; Tiamdipine; Smooth muscle; [^{3}H]PN 200-110; Ca^{2+} channel activators (Galletti, F. (185) 157)

[^{3}H]Dihydrotetrabenazine binding
Blood platelets; 5-HT organelles; Carrier protein; [^{125}I]Azido-iodoketanserin photolabelling (Cesura, A.M. (186) 95)

Diltiazem
Caffeine; Ca^{2+} release (spontaneous); Skinned fiber; Sarcoplasmic reticulum (Asayama, J. (175) 309)

Benzazepines; Ca^{2+} channel blockers; Ion channels; (Neurons); (Snail) (Novales-Li, P. (178) 161)

Nimodipine; Phencyclidine; EEG; Behaviour (Popoli, P. (191) 141)

Dimerization
Morphine derivatives; Conformation; Opioid receptors; (Synthesis); (Pharmacology) (Yara, H. (188) 359)

2,3-Diphosphoglycerate
Inositol 1,4,5-trisphosphate ($InsP_3$); Inositol 1,4,5-trisphosphate receptors; Inositol 1,4,5-trisphosphate phosphatase; Inositol 1,4,5-trisphosphate kinase; Ca^{2+} mobilization (Guillemette, G. (188) 251)

[^{3}H]Diprenorphine
[^{3}H]Etorphine; Cerebellum membranes (rabbit and guinea-pig); Sucrose gradients; 5′-Guanylylimidodiphosphate (GppNHp) (Frances, B. (189) 1)

[^{3}H]Diprenorphine binding
Brain membranes (frog); Digitonin extracts (soluble); Sucrose gradients (sedimentation in) (Roussin-Pascaud, A. (189) 393)

Discrimination learning
L-Glutamic acid diethyl ester; Quisqualate receptors; Kainate receptors; Glutamate (Lalonde, R. (190) 235)

Discriminative stimulus effects
Enkephalin analogs; Morphine (Nishida, N. (174) 71)

Dissociation constant
Umbilical vein (ovine); 5-HT receptors (Zhang, L. (184) 281)

Distension
Intestinal secretion; Enteric nervous system; Prostaglandins; Phospholipase A_2 (Diener, M. (178) 47)

Distress vocalizations
ACPC (1-aminocyclopropanecarboxylic acid); Glycine; Anxiolytics; NMDA receptors; Ultrasonic calls (Winslow, J.T. (190) 11)

Diuresis
Imidazoline; Vasopressin; Na^+ excretion (Blandford, D.E. (174) 181)

α_2-Adrenoceptors; Ca^{2+} channel blockers; Kidney; Proximal tubule; Clonidine; UK 14,304; (Radioligand binding); (Rat) (Stanko, C.K. (175) 13)

Diuretic action
DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); $5\text{-}HT_2$ receptors; Renal vasodilatation (Shoji, T. (190) 247)

Diuretics (loop)
Bumetanide; β-Cells; Diabetes mellitus; Insulin release; Cl^-; Ca^{2+}; Rb^+; (Co-transport) (Sandström, P.-E. (187) 377)

Dizocilpine
Adamantane derivatives; Cerebral ischemia; Hypoxia; Neurons; (Rat) (Seif el Nasr, M. (185) 19)

DMCM (methyl-6,7-dimethoxy-4-ethyl-β-carboline-3-carboxylate)
GABA (γ-aminobutyric acid); Cl^- flux; Benzodiazepine; Tolerance; β-Carboline (Ngur, D.O. (176) 351)

DM-9384 (N-(2,6-dimethyl-phenyl)-2-(2-oxo-1-pyrrolidinyl) acetamide)
Passive avoidance task; Picrotoxin; Bicuculline; GABAergic neuronal system; Memory; $GABA_A$ receptors (Nabeshima, T. (178) 143)

DNA synthesis
Nitric oxide (NO); Glyceryl trinitrate; Sodium nitroprusside; Smooth muscle cells (vascular); Growth (Nakaki, T. (189) 347)

DNQX (6,7-dinitroquinoxaline-2,3-dione)
NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Quisqualate; Excitatory amino acid; CGS19755; LY233053; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); MK-801 (Schoepp, D.D. (182) 421)

Docosahexaenoic acid
ω_3-Fatty acids; Fatty acids (n-3 polyunsaturated); Vascular responses; Cardiovascular disease; (Fish oils) (Engler, M.B. (185) 223)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane)
5-HT receptor agonists; Blood pressure; Renin activity (plasma); Blood flow (renal); Sympathetic nervous system (Alper, R.H. (175) 323)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; mCPP (1-(3-chlorophenyl)piperazine); 5-HT receptor subtypes; Mouthing (Frambes, N.A. (182) 9)

Head-twitch; Tolerance; (Acute); (Chronic) (Darmani, N.A. (186) 115)

5-HT_{1C} receptors; 5-HT_2 receptors; Glycemia; Insulin release; Sympathoadrenal system (Chaouloff, F. (187) 435)

5-HT_2 receptors; Renal vasodilatation; Diuretic action (Shoji, T. (190) 247)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; ICI 169,369; Ritanserin; TFMPP (1-[3-(trifluoromethyl)phenyl] piperazine); Tail-flicks (spontaneous); (Rat) (Bervoets, K. (191) 185)

Domperidone
Fenoldopam; Propylbutyldopamine; SCH 23390; Coronary resistance; Peripheral resistance (Zhao, R.-R. (190) 193)

Dopamine; Hyperpolarization; Salivary gland; (Cockroach) (Evans, A.M. (191) 465)

L-Dopa
Dopamine; LLC-PK_1 cells; Kidney; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

DOPAC (3,4-dihydroxyphenylacetic acid)
Antidepressants; Dopamine D_1 receptors; Dopamine uptake (De Montis, G.M. (180) 31)

Haloperidol (chronic); Dopamine; Striatum; (Endogenous release); (Ex vivo study) (Umeda, Y. (191) 149)

Dopamine
Platelets; Dopamine receptor agonists (Dean, B. (173) 165)

3-PPP (3-(3-hydroxyphenyl)-N-propylpiperidine); Acoustic startle; (Rat) (Svensson, L. (175) 107)

Dopamine D-2 receptor agonists; Autonomic nervous system; Haemodynamics; (Cat) (Eden, R.J. (175) 333)

5-HT_3 receptors; BRL 43694 (Ashby Jr., C.R. (175) 347)

Uptake inhibitors; 5-Hydroxytryptamine (5-HT, serotonin); Noradrenaline; Aversion; Periaqueductal gray (Jenck, F. (177) 201)

Basal ganglia; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Tryptophan hydroxylase; (Drug abuse) (Bunker, C.F. (180) 103)

Dopamine D_1 receptors; Adenylate cyclase; 6-Hydroxydopamine (6-OHDA) (Morelli, M. (180) 365)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); 2′-Methyl-MPTP (1-methyl-4-(2′-methylphenyl)-1,2,3,6-tetrahydropyridine); Substantia nigra; (Marmoset) (Rose, S. (181) 97)

Tremors; Carbaryl; 5-HT (5-hydroxytryptamine, serotonin) (Kumar Ray, S. (181) 159)

GBR 12909; Reward; SCH 23390 (Rompré, P.-P. (182) 181)

Dopamine autoreceptors; Substantia nigra; Amphetamine; Apomorphine; Antipsychotics; Haloperidol; (Somatodendritic) (Piercey, M.F. (182) 219)

Quinpirole; [Arg^8]vasopressin (AVP); Catecholamines; Diabetes insipidus; Blood pressure (Damase-Michel, C. (184) 179)

Adenosine; Adenosine A_2 receptors; Dopamine D_2 autoreceptors; N-n-Propylnorapomorphine (NPA); Tyrosine hydroxylase (Booth, R.G. (185) 217)

Cocaine; Catecholamines (central); Norepinephrine; (Short- and long-term effects of cocaine) (Karoum, F. (186) 1)

Dopamine D_2 receptors; Reward; Orosensory stimuli; Sucrose; Lick patterns; (Sweet taste); (Water) (Schneider, L.H. (186) 61)

Amylase secretion; Cholecystokinin (CCK) analogues; Turning behaviour; (Binding) (Mendre, C. (186) 213)

5-HT_3 receptors; Ethanol; Striatum; Nucleus accumbens; Microdialysis (Wozniak, K.M. (187) 287)

MK-801; NMDA (N-methyl-D-aspartate); Methamphetamine; Neurotensin; Basal ganglia (Singh, N.A. (187) 337)

LLC-PK$_1$ cells; L-Dopa; Kidney; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

Cocaine; Amphetamine; Ca^{2+} channels; Dihydropyridines; Microdialysis; Locomotor activity (Pani, L. (190) 217)

Marijuana; Δ^9-Tetrahydrocannabinol; Cortex (medial prefrontal); Microdialysis; Drugs of abuse (Chen, J. (190) 259)

5-HT (5-hydroxytryptamine, serotonin); Clozapine; Haloperidol; Ritanserin; Neuroleptics (Lappalainen, J. (190) 403)

Haloperidol (chronic); DOPAC (3,4-dihydroxyphenylacetic acid); Striatum; (Endogenous release); (Ex vivo study) (Umeda, Y. (191) 149)

MDMA (3,4-methylenedioxymethamphetamine); Monoamine release; Brain slices (rat, superfused); Noradrenaline; 5-HT (5-hydroxytryptamine, serotonin) (Fitzgerald, J.L. (191) 217)

Domperidone; Hyperpolarization; Salivary gland; (Cockroach) (Evans, A.M. (191) 465)

Dopamine autoreceptors
SCH 23390; Dopamine D-1 receptors; Dopamine D-2 receptors; Dopamine metabolism; Quinpirole (Lappalainen, J. (179) 315)

Dopamine; Substantia nigra; Amphetamine; Apomorphine; Antipsychotics; Haloperidol; (Somatodendritic) (Piercey, M.F. (182) 219)

Dopamine receptors (postsynaptic); Dopamine D_2 receptors; Dopamine release; Acetylcholine release; Adenylate cyclase activity (Drukarch, B. (187) 257)

G-proteins; Tyrosine hydroxylase (inhibition) (Harada, K. (188) 123)

Dopamine DA$_2$ receptor agonists
N-0437; Aminotetralin; Nictitating membrane (cat); (Enantiomers) (Crosson, C.E. (178) 351)

Dopamine D_2 autoreceptors
Adenosine; Adenosine A_2 receptors; Dopamine; N-n-Propylnorapomorphine (NPA); Tyrosine hydroxylase (Booth, R.G. (185) 217)

Dopamine D_1 receptor agonists
Dopamine D_1 receptor antagonists; Dopamine D_2 receptor agonists; Dopamine D_2 receptor antagonists; Oral hyperkinesia; Dystonia; Reactivity; (Monkey) (Peacock, L. (186) 49)

Dopamine D_2 receptor agonists
Dopamine; Autonomic nervous system; Haemodynamics; (Cat) (Eden, R.J. (175) 333)

Prolactin; Anterior pituitary (rat); Talipexole (B-HT 920); SND 919; Estrogens (Domae, M. (179) 75)

N-0437; Schizophrenia; Antipsychotic action; Behavioural models; (Stereoisomers); (Partial agonist) (Timmerman, W. (181) 253)

Dopamine D_1 receptor agonists; Dopamine D_1 receptor antagonists; Dopamine D_2 receptor antagonists; Oral hyperkinesia; Dystonia; Reactivity; (Monkey) (Peacock, L. (186) 49)

Dopamine D_1 receptor antagonists
Dopamine D_1 receptor agonists; Dopamine D_2 receptor agonists; Dopamine D_2 receptor antagonists; Oral hyperkinesia; Dystonia; Reactivity; (Monkey) (Peacock, L. (186) 49)

Dopamine D_2 receptor antagonists
Dopamine D_1 receptor agonists; Dopamine D_1 receptor antagonists; Dopamine D_2 receptor agonists; Oral hyperkinesia; Dystonia; Reactivity; (Monkey) (Peacock, L. (186) 49)

Dopamine D_2 receptor binding
Apomorphine; Dopamine receptor agonists; Striatum (Severson, J.A. (188) 283)

Dopamine D_1 receptors
Fenoldopam; Prolactin; Pituitary gland (anterior) (Schoors, D.F. (173) 109)

Thyrotropin-releasing hormone (TRH); SCH 23390 (Popoli, P. (173) 211)

NMDA receptors; Quinolinic acid; MK-801; Excitotoxins; (Supersensitivity) (Norman, A.B. (176) 363)

Dopamine D-2 receptors; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Parkinson; (Monkey) (Gagnon, C. (178) 115)

Dopamine D-2 receptors; Apomorphine; Jaw movements; Dorsal striatum (Koshikawa, N. (178) 189)

Apomorphine; N-n-Propylnorapomorphine (NPA); Climbing behaviour; Hypothermia; Dopamine D-2 receptors (Moore, N.A. (178) 195)

Paraxanthine; Methylxanthines; [^{3}H]SCH 23390; Striatum (Ferré, S. (179) 295)

SCH 23390; Dopamine autoreceptors; Dopamine D-2 receptors; Dopamine metabolism; Quinpirole (Lappalainen, J. (179) 315)

Antidepressants; DOPAC (dihydroxyphenylacetic acid); Dopamine uptake (De Montis, G.M. (180) 31)

Dopamine; Adenylate cyclase; 6-Hydroxydopamine (6-OHDA) (Morelli, M. (180) 365)

Dopamine D_2 receptors; Striatum; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Receptor up-regulation (Weihmuller, F.B. (180) 369)

Dopamine D_2 receptors; cGMP; Guanine nucleotides; Neostriatum (Altar, C.A. (181) 17)

Striatum; Nucleus accumbens; Dopamine D_2 receptors; Catalepsy (Ossowska, K. (182) 327)

Dopamine D_2 receptors; Apomorphine; Jaw movements; Nucleus accumbens; Globus pallidus (Koshikawa, N. (182) 375)

Dopamine D_2 receptors; Bromocriptine; SK&F 38393; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dyskinesia (Monkey) (Rouillard, C. (185) 209)

Clozapine; Dopamine D_2 receptors; Jerking behaviour; Grooming behaviour; (Rat) (Murray, A.M. (186) 79)

Ontogeny; Locomotor activity; Grooming; Dopamine D_2 receptors; (Rat pups) (McDougall, S.A. (186) 223)

Acetylcholine; Dopamine D_2 receptors; Striatum (Damsma, G. (186) 335)

Tyrosine hydroxylase; Caudate nucleus; Nucleus accumbens; Substantia nigra; Hybridization (in situ) (Schalling, M. (188) 277)

[^{3}H]SCH 23390; Adenylate cyclase; Dopamine receptor agonists; Dopamine D_2 receptor; (Efficacy); (In vivo); (In vitro); (Selectivity) (Andersen, P.H. (188) 335)

Dopamine D_2 receptors; GABA synthesis (rate of); Gabaculine; Brain (mouse) (Steulet, A.-F. (191) 19)

Dopamine D_2 receptors; Behavioral effects; Bombesin; SK&F 38393; Eticlopride; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour; Locomotion (Merali, Z. (191) 281)

Pilocarpine; Convulsions; Striatum (Al-Tajir, G. (191) 329)

Dopamine D_2 receptors

[^{3}H]YM-09151-2; [^{3}H]Raclopride; [^{3}H]Spiperone; (Binding assay) (Terai, M. (173) 177)

σ Receptors; Haloperidol metabolites; Movement disorders; Phosphoinositide turnover; Muscarinic acetylcholine receptors (Bowen, W.D. (177) 111)

Dopamine D-1 receptors; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Parkinson; (Monkey) (Gagnon, C. (178) 115)

Dopamine D-1 receptors; Apomorphine; Jaw movements; Dorsal striatum (Koshikawa, N. (178) 189)

Apomorphine; N-n-Propylnorapomorphine (NPA); Climbing behaviour; Hypothermia; Dopamine D-1 receptors (Moore, N.A. (178) 195)

SCH 23390; Dopamine autoreceptors; Dopamine D-1 receptors; Dopamine metabolism; Quinpirole (Lappalainen, J. (179) 315)

Dopamine D_1 receptors; Striatum; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Receptor up-regulation (Weihmuller, F.B. (180) 369)

Dopamine D_1 receptors; cGMP; Guanine nucleotides; Neostriatum (Altar, C.A. (181) 17)

Striatum; Nucleus accumbens; Dopamine D_1 receptors; Catalepsy (Ossowska, K. (182) 327)

Dopamine D_1 receptors; Apomorphine; Jaw movements; Nucleus accumbens; Globus pallidus (Koshikawa, N. (182) 375)

Spinal cord excitation; Straub tail reaction (Hasegawa, Y. (184) 207)

Dopamine D_1 receptors; Bromocriptine; SK&F 38393; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dyskinesia (Monkey) (Rouillard, C. (185) 209)

Anesthetics (volatile); Halothane; Dopamine receptors; Parkinson's disease (Segal, I.S. (186) 9)

Dopamine; Reward; Orosensory stimuli; Sucrose; Lick patterns; (Sweet taste); (Water) (Schneider, L.H. (186) 61)

Clozapine; Dopamine D_1 receptors; Jerking behaviour; Grooming behaviour; (Rat) (Murray, A.M. (186) 79)

Ontogeny; Locomotor activity; Grooming; Dopamine D_1 receptors; (Rat pups) (McDougall, S.A. (186) 223)

Acetylcholine; Dopamine D_1 receptors; Striatum (Damsma, G. (186) 335)

Dopamine receptor agonists; Antinociception; Hot-plate test; Enkephalins (endogenous); (Mouse) (Michael-Titus, A. (187) 201)

Dopamine autoreceptors; Dopamine receptors (postsynaptic); Dopamine release; Acetylcholine release; Adenylate cyclase activity (Drukarch, B. (187) 257)

Striatum (rat); Prolactin-secreting 7315a anterior pituitary tumor (Lew, J.Y. (188) 329)

[^{3}H]SCH 23390; Adenylate cyclase; Dopamine receptor agonists; Dopamine D_1 receptor; (Efficacy); (In vivo); (In vitro); (Selectivity) (Andersen, P.H. (188) 335)

Computer graphics; Benzamides; Stereoselectivity (Rognan, D. (189) 59)

Dopamine D_1 receptors; GABA synthesis (rate of); Gabaculine; Brain (mouse) (Steulet, A.-F. (191) 19)

Dopamine D_1 receptors; Behavioral effects; Bombesin; SK&F 38393; Eticlopride; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour; Locomotion (Merali, Z. (191) 281)

Dopamine metabolism
SCH 23390; Dopamine autoreceptors; Dopamine D-1 receptors; Dopamine D-2 receptors; Quinpirole (Lappalainen, J. (179) 315)

Dopamine neurotoxicity
MDMA (methylenedioxymethamphetamine); 5-HT (5-hydroxytryptamine, serotonin) (Schmidt, C.J. (181) 59)

Dopamine overflow/release
Microdialysis; β-Endorphin; μ/δ-Opioid receptor complex; Nucleus accumbens; (Intracerebroventricular); (Rat) (Spanagel, R. (190) 177)

Dopamine receptor agonists
Dopamine; Platelets (Dean, B. (173) 165)

N-0437; Stereoisomers; Food consumption; Yawning behaviour (Timmerman, W. (174) 107)

Body temperature; Dopamine receptor antagonists; Dopamine receptor subtypes; Reserpine; (Mouse) (Vasse, M. (181) 23)

Dopamine D_2 receptors; Antinociception; Hot-plate test; Enkephalins (endogenous); (Mouse) (Michael-Titus, A. (187) 201)

[^{3}H]N-n-Propylnorapomorphine binding; Dopamine receptors; Cabergoline; Ergoline derivatives; (In vivo binding) (Strolin Benedetti, M. (187) 399)

Dopamine D-2 receptor binding; Apomorphine; Striatum (Severson, J.A. (188) 283)

[^{3}H]SCH 23390; Adenylate cyclase; Dopamine D_1 receptor; Dopamine D_2 receptor; (Efficacy); (In vivo); (In vitro); (Selectivity) (Andersen, P.H. (188) 335)

Dopamine receptor antagonists
Body temperature; Dopamine receptor agonists; Dopamine receptor subtypes; Reserpine; (Mouse) (Vasse, M. (181) 23)

Apomorphine; Oxytocin; Brain areas; Radioimmunoassay; (Rat) (Melis, M.R. (182) 101)

Dopamine receptors
Adenylate cyclase activity; Lisuride; SK&F 82526, Bromocriptine; Neuronal plasticity (Nisoli, E. (176) 85)

Adrenal medulla; (Rat) (Kujacic, M. (177) 163)

Corpus striatum; SCH 23390; Sulpiride; Rotation; (Rat) (Konitsiotis, S. (179) 201)

Substance P; Parkinson's disease; Substantia nigra (rat) (Orosz, D. (182) 509)

Stereotypic behavior; Haloperidol; Clozapine; Thioridazine; Chlorpromazine (Carvey, P.M. (184) 43)

Gastric motility; Fenoldopam; Quinpirole; 5-HT receptors (Lefebvre, R.A. (185) 69)

Anesthetics (volatile); Halothane; Dopamine D_2 receptors; Parkinson's disease (Segal, I.S. (186) 9)

[^{3}H]N-n-Propylnorapomorphine binding; Cabergoline; Dopamine receptor agonists; Ergoline derivatives; (In vivo binding) (Strolin Benedetti, M. (187) 399)

Desensitization (homologous); Desensitization (heterologous); Adenylate cyclase; Striatum; (Neurons) (Chneiweiss, H. (189) 287)

Cocaine; Deoxycorticosterone; σ Receptors; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-(1-propyl)piperidine) (Massamiri, T. (190) 295)

5-HT_{1A} receptors; Locomotion; α-Adrenoceptor antagonists; β-Adrenoceptor antagonists (Kalkman, H.O. (191) 383)

Dopamine receptors (postsynaptic)
Dopamine autoreceptors; Dopamine D_2 receptors; Dopamine release; Acetylcholine release; Adenylate cyclase activity (Drukarch, B. (187) 257)

Dopamine receptor subtypes
Body temperature; Dopamine receptor agonists; Dopamine receptor antagonists; Reserpine; (Mouse) (Vasse, M. (181) 23)

Dopamine release
Stress; Mesocortical dopamine system; Mesolimbic dopamine system; ICS 205-930; Diazepam (Imperato, A. (175) 211)

Microdialysis; Circling behaviour; Kainic acid (Pani, L. (180) 85)

Adenosine receptor agonists; Adenosine receptors; Striatum; Microdialysis (Zetterström, T. (180) 137)

Opioid receptor subtypes; Acetylcholine release; Brain slices (rat); Limbic brain areas (Heijna, M.H. (181) 267)

SK&F 38393; SCH 23390; Striatum; Intracerebral dialysis; Development (Walters, D.E. (184) 257)

Neurotensin; Axonal transport; γ-Butyrolactone; Neuronal activity (Castel, M.-N. (186) 133)

Dopamine autoreceptors; Dopamine receptors (postsynaptic); Dopamine D_2 receptors; Acetylcholine release; Adenylate cyclase activity (Drukarch, B. (187) 257)

Microdialysis; Ca^{2+} dependence; (+)-AJ 76; d-Amphetamine; (Rat) (Waters, N. (187) 425)

Dopamine release and metabolism
Haloperidol (chronic); Clozapine (chronic); Microdialysis (Ichikawa, J. (176) 371)

Dopamine systems
YM-14673; TRH (thyrotropin-releasing hormone); Behaviour (Yamamoto, M. (180) 319)

Dopamine transporters
Cocaine; Striatum; Nucleus accumbens (Boja, J.W. (173) 215)

Cocaine binding sites; Dopamine uptake; Striatum (Boja, J.W. (184) 329)

Dopamine uptake
[^{3}H]GBR 12935; GBR 12909; Cocaine; Mazindol; Nucleus accumbens; Striatum (Berger, P. (177) 91)

Antidepressants; Dopamine D_1 receptors; DOPAC (dihydroxyphenylacetic acid) (De Montis, G.M. (180) 31)

Dopamine transporters; Cocaine binding sites; Striatum (Boja, J.W. (184) 329)

Dopamine uptake complex
Dexamphetamine; [^{3}H]GBR 12783 binding in vivo; Locomotor activity (Vaugeois, J.-M. (178) 221)

Doppler flowmetry (pulsed)
Ro31-6930; Cromakalim; Haemodynamics; (Anaesthetised rat) (Duty, S. (185) 35)

Dorsal horn cells
U-50,488H; WIN 44,441-3; κ Opioid receptors; Noxious stimulation; Analgesia (Hernández, A. (186) 323)

Dorsal raphe
Fenfluramine; Locus coeruleus; A10 neurons (Scuvée-Moreau, J. (179) 211)

Locus coeruleus; Antipsychotics; BMY 14802; (Electrophysiology); (Rat) (VanderMaelen, C.P. (179) 357)

5-HT (5-hydroxytryptamine, serotonin); d-Fenfluramine; Zimelidine; Brofaromine; Food intake (Fletcher, P.J. (184) 265)

Dorsal raphe nucleus
MDMA (3,4-methylenedioxymethamphetamine); L-Tryptophan; Single unit recording; Microdialysis (Sprouse, J.S. (178) 313)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Flesinoxan; Hypotension; Bradycardia; 5-HT_{1A} receptors; (Conscious rat) (Connor, H.E. (182) 63)

Dorsal root ganglion
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; α-Methyl 5-HT; 2-Methyl 5-HT; Ca^{2+}-dependent plateau; (Action potential) (Scroggs, R.S. (178) 229)

Dorsal striatum
Dopamine D-1 receptors; Dopamine D-2 receptors; Apomorphine; Jaw movements (Koshikawa, N. (178) 189)

Dorsolateral striatum
GABA (γ-aminobutyric acid); Microdialysis; Striatum; Ventral striatum; Fundus striati; Globus pallidus (Drew, K.L. (187) 385)

Down-regulation
Ethanol; Desipramine; β-Adrenoceptors; Frontal cortex; Hippocampus (Turkka, J. (177) 171)

G-proteins; Cholera toxin; Pertussis toxin (Carr, C. (188) 203)

DPI 201-106
Inotropism; Vasodilatation; (Enantiomers) (Gérard, J.-L. (184) 321)

DRL 72-s schedule
Trazodone; m-CPP (m-chlorophenylpiperazine); Antidepressants (atypical); 5-Hydroxytryptamine (5-HT, serotonin) (Li, A.A. (177) 137)

Drug dependence
Cerebellum; cGMP; Kainic acid; Quisqualic acid; NMDA (N-Methyl-D-aspartic acid); Barbiturates; Drug withdrawal (McCaslin, P.P. (173) 127)

Drug discrimination
Flumazenil; Benzodiazepines; Agonists; (Inverse agonists); (Rat) (Woudenberg, F. (178) 29)

(+)-HA-966; Phencyclidine; Glycine/NMDA receptors (Singh, L. (186) 129)

Behaviour; Ca^{2+} channel antagonists; Cocaine; Nimodipine; (rat) (Callahan, P.M. (186) 143)

p-Chloroamphetamine; 1-(4-Chlorophenyl)-2-aminobutane (CAB); Microdialysis in vivo; Uptake inhibition; 5-HT neurotoxicity (Johnson, M.P. (191) 1)

Drug distribution
Behaviour; Brain; Extracellular space; Microdialysis; Pharmacokinetics; Theophylline; (Rat) (Ståhle, L. (185) 187)

Drug holidays (rat)
Tardive dyskinesia; Oral dyskinesia; Haloperidol (intermittent); Zuclopenthixol (intermittent); Sensitization (pharmacological); (Animal models) (Glenthøj, B. (190) 275)

Drugs of abuse
Marijuana; Δ^9-Tetrahydrocannabinol; Dopamine; Cortex (medial prefrontal); Microdialysis (Chen, J. (190) 259)

Drug withdrawal
Cerebellum; cGMP; Kainic acid; Quisqualic acid; NMDA (N-Methyl-D-aspartic acid); Barbiturates; Drug dependence (McCaslin, P.P. (173) 127)

DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine)
MAO B inhibition; Deprenyl; Neurotoxicity (mechanisms); Parkinson's disease; Aging (Finnegan, K.T. (184) 119)

DTG (1,3-di(2-[5-^{3}H]tolyl)guanidine)
MK-801; Phencyclidine; Ketamine; (+)-N-Allylnormetazocine; (+)-Pentazocine; Memory; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-n-propylpiperidine) (Jones, K.W. (179) 97)

Duodenal ulceration
Interleukin-1; Ulcer; Gastric damage; Prostaglandins; Cytoprotection (Wallace, J.L. (186) 279)

Duodenum (rat)
Non-adrenergic non-cholinergic (NANC) relaxation; ATP; Purinoceptors (Serio, R. (182) 487)

DuP 753
Angiotensin II receptors; Brain; Receptor autoradiography; (Receptor subtypes); (Rat) (Rowe, B.P. (186) 339)

Angiotensin II binding sites (subtypes); WL 19; Brain; Autoradiography; (Rat) (Gehlert, D.R. (187) 123)

Dynorphin
Opioids; β-Endorphin; Smooth muscle (airway); Parasympathetic contraction (Horii, S. (182) 497)

Dynorphin A
Basal ganglia; Dopamine; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Tryptophan hydroxylase; (Drug abuse) (Bunker, C.F. (180) 103)

Body temperature; Barrel rolling; G_i-proteins; Pertussis toxin; Verapamil (Cavicchini, E. (180) 357)

Dyskinesia (monkey)
Dopamine D_1 receptors; Dopamine D_2 receptors; Bromocriptine; SK&F 38393; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Rouillard, C. (185) 209)

Dystonia
Dopamine D_1 receptor agonists; Dopamine D_1 receptor antagonists; Dopamine D_2 receptor agonists; Dopamine D_2 receptor antagonists; Oral hyperkinesia; Reactivity; (Monkey) (Peacock, L. (186) 49)

E5050
Atherosclerosis; Smooth muscle cells; Cell culture; Cell proliferation (Saeki, T. (189) 23)

Ear artery (central)
Neuropeptide Y (NPY); Noradrenaline; α,β-Methylene ATP; Nerve stimulation; (Rabbit) (Saville, V.L. (176) 117)

Ear artery (rabbit)
Muscarinic receptor subtypes; Muscarinic M_3-selective receptor antagonists; p-Fluoro-hexahydro-sila-difenidol; Coronary artery (bovine); Vascular endothelium; Smooth muscle (vascular) (Duckles, S.P. (185) 227)

Ear artery (rabbit, central)
Calcitonin gene-related peptide (CGRP); Noradrenaline; α,β-Methylene ATP; Sympathetic nerve stimulation (Maynard, K.I. (187) 171)

Ear artery (rabbit, isolated)
Angiotensin I; Angiotensin II; Neurotransmission (inhibition of); Captopril; [Sar^1,Val^5,Ala^8]angiotensin II (Rónai, A.Z. (179) 281)

Ebselen
Parenchymal lung strip; H_1 receptors; KCl depolarisation; (Guinea-pig) (Leurs, R. (179) 193)

EDRF (endothelium-derived relaxing factor)
Nitric oxide (NO); L-NMMA (N^G-monomethyl-L-arginine); L-Arginine; Gastric mucosal blood flow; Microcirculation (Pique, J.M. (174) 293)

cGMP; N^ω-Nitro-L-arginine; N^G-Monomethyl-L-arginine; Aortic endothelial cells (bovine); Lung fibroblast cells (fetal rat) (Ishii, K. (176) 219)

G-proteins (guanine nucleotide regulatory proteins); Bacterial toxins (Flavahan, N.A. (178) 121)

BAEE (Nα-Benzoyl L-arginine ethyl ester); Heart (guinea pig, isolated) (Thomas, G. (178) 251)

Smooth muscle (vascular); Aorta (rat); Phorbol ester; Protein kinase C (Sakata, K. (179) 207)

EGF (epidermal growth factor); Aorta (rat) (Namiki, A. (180) 247)

L-Arginine; Endothelial cells; (Bioassay); (HPLC) (Mitchell, J.A. (182) 573)

L-Arginine; Haemodynamics; Septic shock (Thiemermann, C. (182) 591)

Endothelin; Mammary artery (human, internal); Saphenous vein (human); Endothelium (Costello, K.B. (186) 311)

EDRF/NO
L-NMMA (N^G-monomethyl-L-arginine); Mesenteric microcirculation; Acetylcholine (Fortes, Z.B. (182) 143)

EDRF (release of)
Endothelium-dependent relaxation; ANF (atrial natriuretic factor); Nitric oxide (NO); Atherosclerosis (experimental); Hypercholesterolemia (Verbeuren, T.J. (191) 173)

EDTA
Ca^{2+}; Chelators; Fluoroacetic acid; Fluorocitric acid; EGTA; Seizures; Toxicity (Hornfeldt, C.S. (179) 307)

EEG
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Acetylcholine release; Body temperature; (Rat); (Guinea-pig) (Siniscalchi, A. (175) 219)

Epilepsy; Glycine; Vigabatrin; GABA (γ-aminobutyric acid); (Rat) (Liu, Z. (182) 109)

Nimodipine; Diltiazem; Phencyclidine; Behaviour (Popoli, P. (191) 141)

Inositol hexakisphosphate; Phosphatidylinositol cycle; Epilepsy; Behaviour; Excitotoxicity (Smith, S.E. (191) 337)

Efaroxan
α_2-Adrenoceptors; Imidazoline receptors; Islets of Langerhans; Insulin secretion (Chan, S.L.F. (176) 97)

Efficacy (relative)
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EGF (epidermal growth factor)
EDRF (endothelium-derived relaxing factor); Aorta (rat) (Namiki, A. (180) 247)

EGF (epidermal growth factor-urogastrone)
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EGTA
Ca^{2+}; Chelators; Fluoroacetic acid; Fluorocitric acid; EDTA; Seizures; Toxicity (Hornfeldt, C.S. (179) 307)

Ca^{2+}; Ca reversal; Ouabain; Smooth muscle; Stomach (Karibe, H. (182) 273)

Eicosanoids
β-Adrenoceptors; Anaphylaxis; Adrenergic system (Daffonchio, L. (178) 21)

Interleukin-1 (recombinant); Intestinal secretion; A23187; (Rabbit) (Chiossone, D.C. (180) 217)

EL-4 cell line
Thymocytes; Cation entry; Membrane permeabilization; ATP^{4-}; (Mouse) (El-Moatassim, C. (181) 111)

Electrical field stimulation
Histamine H_3 receptor; Ileum (guinea-pig); (In vitro assay) (Menkveld, G.J. (186) 343)

Electrical stimulation
Morphine; Withdrawal; Motor activity (Dougherty, P.M. (175) 187)

8-OH-DPAT(8-hydroxy-(di-n-propylamino)tetralin; 5-HT_{1A} receptor agonists; Antidepressants; 5-Hydroxytryptamine (5-HT, serotonin) (Beer, M. (178) 179)

Electroconvulsive shock
Carbamazepine; G-proteins; β-Adrenoceptors; Muscarinic cholinoceptors (Avissar, S. (189) 99)

Electrogenic Cl^- secretion
Somatostatin analogues; Antisecretory effects; Descending colon mucosa (Ferrar, J.A. (184) 295)

Electrophysiology
CGP 37849; CGP 39551; AP5; Hippocampus; Substantia nigra; Spinal cord; NMDA receptor competitive antagonists; (Rat) (Pozza, M.F. (182) 91)

Phencyclidine analogs; BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine); TCP (N-[1-(2-thiophenyl)cyclohexyl] piperidine); Nigrostriatal dopamine neurons; Microiontophoresis; (Rat) (Rouillard, C. (182) 227)

Electroshock (maximal)
Aminophylline; Ca^{2+} channel inhibitors; Antiepileptics; Seizures (Czuczwar, S.J. (176) 75)

Elevated plus-maze
Anxiety; Handling; Habituation; Diazepam; (Rat) (Brett, R.R. (178) 135)

Infantile stimulation; Ro15-1788 (perinatal); Exploration; (Rat) (Fernández-Teruel, A. (191) 111)

El mice
Epilepsy; Clonidine; Yohimbine; α_1-Adrenoceptors; α_2-Adrenoceptors (Tsuda, H. (176) 321)

Eltoprazine
5-HT_1 receptors; Aggression (offensive); Autoradiography (Sijbesma, H. (177) 55)

5-HT_1 receptor subtypes; Guanine nucleotides; Aggression (offensive); Autoradiography (quantitative) (Sijbesma, H. (187) 209)

Embryo (chick)
Pirenzepine; Positive inotropy (Protas, L.L. (175) 215)

Embryonic angiogenesis
Vitamin D_3 analogues; Chorioallantoic membrane; Anti-angiogenic activity (Oikawa, T. (178) 247)

Emesis
5-HT_3 receptors; Autoradiography; Medulla oblongata (Reynolds, D.J.M. (174) 127)

5-HT_1 receptor subtypes; 5-HT receptor antagonists; 5-HT receptor agonists; (Cat) (Lucot, J.B. (180) 193)

Benzamides (zacopride); 5-HT antagonists; (Ferret); (Oral) (Sancilio, L.F. (181) 303)

Enantiomers
Opioid receptors; μ Opioid receptor selectivity; κ Opioid receptor selectivity (Meecham, K.G. (173) 151)

Glycine; NMDA receptors; HA-966 (1-hydroxy-3-amino-pyrrolidone-2); Spermine (Pullan, L.M. (189) 237)

Endacoids
[^{3}H]Imipramine binding; Depression; 5-HT uptake; Zinc chelates (Artigas, F. (181) 9)

Endoglycosidase F
Muscarinic acetylcholine receptors; Deglycosylation; G-proteins (Ohara, K. (189) 341)

Endorphin
Actylcholine; Pulmonary vascular response; Medulla oblongata (median area); 5-HT (5-hydroxytryptamine, serotonin); Sympathoinhibition center (Ni, H. (181) 167)

β-Endorphin
[Met^5]enkephalin antibody; Morphine; Analgesia; Antinociception; Tail-flick response; Hot-plate response (Tseng, L.L.F. (173) 171)

Place conditioning; Opioid receptors; CTOP (D-Pen-Cys-Tyr-D-Trp-Orn-Thr-Pen-Thr-NH_2); ICI 174,864; (Reinforcement) (Bals-Kubik, R. (175) 63)

Immobilization (chronic); 5-HT_1 receptors; 5-MeODMT (5-methoxy-N,N-dimethyltryptamine); Naloxone; Morphine; (Adaptive change) (Cancela, L. (176) 313)

Morphine; Antinociception; Pain control systems (descending); CCK-8s (sulfated cholecystokinin octapeptide); Proglumide (Suh, H.H. (179) 329)

Morphine tolerance; Cortisol; Naloxone-induced withdrawal (Martínez, J.A. (182) 117)

Opioids; Dynorphin; Smooth muscle (airway); Parasympathetic contraction (Horii, S. (182) 497)

Circadian rhythm; Acetyl-l-carnitine; Hypothalamus-pituitary-gonadal axis (Genazzani, A.R. (186) 177)

Dopamine overflow/release; Microdialysis; μ/δ-Opioid receptor complex; Nucleus accumbens; (Intracerebroventricular); (Rat) (Spanagel, R. (190) 177)

β-Endorphin metabolism; Neuroleptic drugs; Brain; (HPLC) (Konings, P.N.M. (191) 115)

β-Endorphin metabolism
β-Endorphin; Neuroleptic drugs; Brain; (HPLC) (Konings, P.N.M. (191) 115)

β-Endorphin release
Hypothalamus; Ethanol (in vitro) (Gianoulakis, C. (180) 21)

Endothelial cells
L-Arginine; EDRF (endothelium-derived relaxing factor); (Bioassay); (HPLC) (Mitchell, J.A. (182) 573)

Muscarinic receptors; Coronary artery (bovine); Receptor blockade (irreversible); [^{3}H]N-Methylscopolamine (Brunner, F. (187) 145)

Endothelin
Bronchi (guinea-pig); Aorta (rat); Endothelin receptors; Endothelin-(16-21) (Maggi, C.A. (174) 23)

Bronchi (guinea-pig); Airway epithelium; Indomethacin; Aorta (rat); Endothelin receptors (Maggi, C.A. (176) 1)

Hypertension; Bronchoconstriction; Propranolol (Touvay, C. (176) 23)

Ileum (guinea-pig); Protein kinase C; Ca^{2+} channels; (Biphasic effects) (Lin, W.-W. (176) 57)

Pulmonary hypertension; 5-Hydroxytryptamine; Pulmonary artery (rat); Monocrotaline (Wanstall, J.C. (176) 159)

MDCK cells; LLC-PK_1 cells; Ca^{2+} (intracellular); Renal reabsorption (Neuser, D. (176) 241)

Sarafotoxin; Norepinephrine release; Neurotransmission; Mesenteric vascular bed; Hypertension (Han, S.-P. (177) 29)

Endothelin-1
Hypertension; Brain; Ventricle (Gu, X.-H. (177) 205)

Aorta; Smooth muscle cells; Tachyphylaxis; (Desensitization); (Rabbit) (Miasiro, N. (179) 151)

Spontaneously hypertensive rat (SHR); Vasodilatation (regional); Intracarotid injection; Atrial natriuretic peptide (ANP) (Fozard, J.R. (180) 153)

Renal function; Renal blood flow (Hoffman, A. (182) 603)

Vas deferens; Adrenergic neurotransmission; Smooth muscle; Felodipine (Wiklund, N.P. (185) 25)

Big endothelin-1; Hypertensive effects; Phosphoramidon; Metalloproteinase; (Conversion) (Matsumura, Y. (185) 103)

Platelet aggregation; Prostacyclin; Fibrinolysis; Plasminogen activator (tissue); Haemodynamics; (Rabbit) (Lidbury, P.S. (186) 205)

5-HT (5-hydroxytryptamine, serotonin); Vasospasm; Arterial hypersensitivity; Endothelium (Macke Consigny, P. (186) 239)

PAF (platelet-activating factor, PAF-acether); BN 52021; Trachea; Bronchi (upper); (Guinea-pig) (Battistini, B. (186) 307)

Mammary artery (human, internal); Saphenous vein (human); Endothelium; EDRF (endothelium-derived relaxing factor) (Costello, K.B. (186) 311)

Plasminogen activator (tissue-type); Von Willebrand factor; Ca^{2+} channel antagonists; PAF (platelet-activating factor, PAF-acether); (Secretion) (Pruis, J. (187) 105)

Cyclosporine A; Kidney; Endothelin receptors (Nambi, P. (187) 113)

Trachea (guinea-pig); Ca^{2+} channel antagonists; Ca^{2+} channel agonists (Sarriá, B. (187) 445)

PI turnover; Noradrenaline; Atrium; (Rat) (Kuraja, I.J. (189) 299)

Spontaneously hypertensive rats (SHR); Vasoconstriction; Vascular beds (MacLean, M.R. (190) 263)

Vasospasm; Cerebral artery; Vasocontraction; HA1077 (Asano, T. (190) 365)

Bronchoconstriction; Heart; Lung; Endothelin receptors; Vasoconstriction (Hemsén, A. (191) 319)

Smooth muscle tone; Atriopeptin III; Methoxamine; Aorta; (Rabbit) (Opgenorth, T.J. (191) 351)

Endothelin-(16-21)
Endothelin; Bronchi (guinea-pig); Aorta (rat); Endothelin receptors (Maggi, C.A. (174) 23)

Endothelin isopeptides
Sarafotoxin-6b (SRTX-6b); Autoradiography; Kidney (human) (Waeber, C. (176) 233)

Endothelin receptor binding
Big endothelin; Vasoconstrictor activity (Hirata, Y. (176) 225)

Endothelin receptors
Endothelin; Bronchi (guinea-pig); Aorta (rat); Endothelin-(16-21) (Maggi, C.A. (174) 23)

Endothelin; Bronchi (guinea-pig); Airway epithelium; Indomethacin; Aorta (rat) (Maggi, C.A. (176) 1)

Endothelin; Cyclosporine A; Kidney (Nambi, P. (187) 113)

Bronchoconstriction; Endothelin; Heart; Lung; Vasoconstriction (Hemsén, A. (191) 319)

Endothelins
Heart (rat); Phosphoinositide (PI) hydrolysis; Sarafotoxins; Aging; (Receptor) (Galron, R. (188) 85)

Endothelium
Muscarinic receptor subtypes; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine; Aorta (rabbit) (Manjeet, S. (174) 99)

Atrial natriuretic peptide (ANP); Glucocorticoids; Anti-glucocorticoids; (Receptors) (Lanier-Smith, K.L. (178) 105)

5-HT_1-like receptors; 5-HT_2 receptors; Cerebral artery; Haemolysate (Gaw, A.J. (179) 35)

Prostaglandin $F_{2\alpha}$ potentiation; Ca^{2+} store (intracellular); Vasoconstrictor responses (Aristegui, P.M. (184) 1)

Endothelin; 5-HT (5-hydroxytryptamine, serotonin); Vasospasm; Arterial hypersensitivity (Macke Consigny, P. (186) 239)

5-HT (5-hydroxytryptamine, serotonin); Coronary artery; (Rat) (Berg Nyborg, N.C. (186) 295)

Endothelin; Mammary artery (human, internal); Saphenous vein (human); EDRF (endothelium-derived relaxing factor) (Costello, K.B. (186) 311)

Muscarinic receptors; Inositol monophosphate; cAMP; Aorta; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Endothelium-dependent relaxation
Muscarinic receptor subtypes; Muscarinic receptor agonists; Muscarinic receptor antagonists; Cerebral artery (cat) (Dauphin, F. (178) 203)

Thimerosal; Arachidonic acid; Lysolecithin; Coronary artery; (Electrophysiology) (Bény, J.-L. (185) 235)

EDRF (release of); ANF (atrial natriuretic factor); Nitric oxide (NO); Atherosclerosis (experimental); Hypercholesterolemia (Verbeuren, T.J. (191) 173)

Endotoxin
Gastric acid secretion; Gastric pepsin secretion; Infection; Lipopolysaccharide; Pylorus-ligated rats (Uehara, A. (181) 141)

Vascular hyporesponsiveness; Ca^{2+} (Bigaud, M. (190) 185)

Smooth muscle (vascular); Ca^{2+}; L-Arginine pathway (Gray, G.A. (191) 89)

Nitric oxide (NO); Vascular injury; Nitrovasodilators; N^G-Monomethyl-L-arginine (L-NMMA) (Boughton-Smith, N.K. (191) 485)

End-plate potentials
Nicotinic acetylcholine receptors (muscle); d-Tubocurarine; Erabutoxin b; Fade; Neuromuscular transmission (Bradley, R.J. (176) 11)

Enkephalin analogs
Discriminative stimulus effects; Morphine (Nishida, N. (174) 71)

Vas deferens (mouse); Brain (rat); δ Opioid receptors (Vaughn, L.K. (177) 99)

Enkephalinase
Mucus secretion; Neurokinin A; Neurokinin B; Submucosal gland; Respiratory tract fluid; Substance P (Rogers, D.F. (174) 283)

Nociception; Pain modulation; Neural grafts; Chromaffin cells (Sagen, J. (179) 427)

Enkephalinase (EC 3.4.24.11) (plasma)
Sinorphan; Retorphan; ANF immunoreactivity (plasma) (Lecomte, J.-M. (179) 65)

Enkephalins (endogenous)
Dopamine receptor agonists; Dopamine D_2 receptors; Antinociception; Hot-plate test; (Mouse) (Michael-Titus, A. (187) 201)

Enteric nerves
Vasoactive intestinal polypeptide (VIP); Phorbol 12,13-dibutyrate (Belai, A. (177) 103)

Adrenergic nerves; Intestinal secretion; Ion transport; Small intestine (Carey, H.V. (181) 43)

Enteric nervous system
Intestinal secretion; Distension; Prostaglandins; Phospholipase A_2 (Diener, M. (178) 47)

Enteric neurons
μ Opioid receptors; δ Opioid receptors; Esophageal sphincter (lower); Sphincteric relaxation (Barnette, M.S. (182) 363)

EpDIF (epithelium-derived inhibitory factor)
Epithelium; Bronchus (human); (Hyperreactivity); (Co-axial bioassay) (Fernandes, L.B. (187) 331)

EpDRF (epithelium-derived relaxing factor)
Trachealis (canine); Airway mucosa; Acetylcholine; Histamine (Manning, P.J. (178) 85)

Trachea; Epithelium; Smooth muscle (airway); (Reactivity) (Fedan, J.S. (190) 337)

Epidermal cells
Tumor promoters; Arachidonic acid metabolism; Prostaglandin E_2 (PGE_2); Peritoneal macrophages (Aizu, E. (182) 19)

Epidermal growth factor
Growth factors (smooth muscle); Growth factors (structure-activity); Transforming growth factor-α (Yang, S.-G. (188) 289)

Epilepsy
CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Quisqualate; AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); NMDA receptor antagonists; (Epileptic chickens) (Pedder, S.C.J. (175) 85)

El mice; Clonidine; Yohimbine; α_1-Adrenoceptors; α_2-Adrenoceptors (Tsuda, H. (176) 321)

NMDA receptor antagonists; Anticonvulsants; (DBA/2 mouse) (Chapman, A.G. (178) 97)

Ethacrynic acid; Noradrenaline; Convulsions (Inoue, M. (179) 221)

Anticonvulsants; Cytochrome P450; Leydig cells; Testosterone (Kühn-Velten, W.N. (181) 151)

Kainic acid; Somatostatin; MK-801; Brain damage; Neuropeptide Y (NPY) (Marksteiner, J. (181) 241)

Glycine; Vigabatrin; GABA (γ-aminobutyric acid); EEG; (Rat) (Liu, Z. (182) 109)

Amygdala; Kindling; Benzodiazepines; F1933; (Rat) (Lerner-Natoli, M. (182) 161)

Glycine receptors; 7-Chlorokynurenic acid; Kynurenic acid; Bicuculline; Convulsions; Area tempestas; Glutamate; NMDA receptors (Wardas, J. (187) 59)

β-N-Methylamino-alanine (BMAA); NMDA (N-methyl-D-aspartate); Kainate; AMPA (RS-α-amino-3-hydroxy-5-methyl-4-isoxazole propionate); Amyotrophic lateral sclerosis (Smith, S.E. (187) 131)

Inositol hexakisphosphate; Phosphatidylinositol cycle; Behaviour; Excitotoxicity; EEG (Smith, S.E. (191) 337)

Epilepsy (non-convulsive)
Tolerance; Diazepam; Ro15-1788; WAG/Rij inbred strain (Peeters, B.W.M.M. (178) 111)

Epinephrine
Sympathomimetic amines; Adrenoceptors; Fluorinated catecholamines; Catecholamines; Fluoroepinephrines (Bass, A.S. (187) 87)

Epithelium
PAF (platelet-activating factor, PAF-acether); Trachea (guinea-pig); Prostaglandins; (Relaxation) (Conroy, D.M. (186) 315)

Bronchus (human); EpDIF (epithelium-derived inhibitory factor); (Hyperreactivity); (Co-axial bioassay) (Fernandes, L.B. (187) 331)

Ion transport; Cl^- secretion; Loperamide; Airways (dog) (Tamaoki, J. (190) 255)

Trachea; EpDRF (epithelium-derived relaxing factor); Smooth muscle (airway); (Reactivity) (Fedan, J.S. (190) 337)

Erabutoxin b
Nicotinic acetylcholine receptors (muscle); d-Tubocurarine; Fade; Neuromuscular transmission; End-plate potentials (Bradley, R.J. (176) 11)

Ergoline derivatives
[^{3}H]N-n-Propylnorapomorphine binding; Dopamine receptors; Cabergoline; Dopamine receptor agonists; (In vivo binding) (Strolin Benedetti, M. (187) 399)

Erythrocytes (human)
Nucleoside transport inhibition; Lidoflazine analogs (Pirovano, I.M. (189) 419)

Erythropoiesis
Blood pressure; Renin system; Ramipril (Gould, A.B. (181) 225)

Esaprazole
Cytoprotection; Gastric secretion; Prostaglandin E_2; Prostaglandin I_2; Anti-ulcer agents (Zuccari, G. (187) 19)

Esophageal sphincter (lower)
μ Opioid receptors; δ Opioid receptors; Enteric neurons; Sphincteric relaxation (Barnette, M.S. (182) 363)

Estrogen-inducible genes
c-fos gene; CNS; Steroid hormones (Cattaneo, E. (188) 153)

Estrogens
Prolactin; Anterior pituitary (rat); Talipexole (B-HT 920); SND 919; Dopamine D_2 receptor agonists (Domae, M. (179) 75)

Ethacrynic acid
Noradrenaline; Convulsions; Epilepsy (Inoue, M. (179) 221)

Ethanol
Alcohol withdrawal; Seizures; NMDA (N-methyl-D-aspartate); MK-801; Excitatory amino acid (Morrisett, R.A. (176) 103)

Desipramine; β-Adrenoceptors; Down-regulation; Frontal cortex; Hippocampus (Turkka, J. (177) 171)

Ro15-4513; Benzodiazepines; Barbiturates; (Rat) (Deacon, R.M.J. (180) 283)

GABA (γ-aminobutyric acid); Bicuculline; Aminooxyacetic acid; Gabaculine; (Mouse) (Hinko, C.N. (182) 261)

Phaclofen; ^{36}Cl influx; Picrotoxin; NMDA (N-methyl-D-aspartate); GABA receptor subtypes (Mehta, A.K. (182) 473)

$GABA_A$ receptors; Cl^- currents; Hippocampus; Cortex; (Neuron) (Aguayo, L.G. (187) 127)

5-HT_3 receptors; Dopamine; Striatum; Nucleus accumbens; Microdialysis (Wozniak, K.M. (187) 287)

NMDA receptors; Aliphatic alcohols; Cerebral cortex (rat); Noradrenaline release (Fink, K. (191) 225)

Ethanol dependence
MK-801; NMDA (N-methyl-D-aspartate); Withdrawal seizures; Ca^{2+} channels; (Mouse) (Grant, K.A. (176) 289)

Ethanol (in vitro)
Hypothalamus; β-Endorphin release (Gianoulakis, C. (180) 21)

Ethanol lesions
Propranolol; Timolol; Indomethacin; Prostaglandin release; Membrane stabilising action (Bhandare, P. (191) 167)

Ethanol ulcer
Captopril; Oxyphenbutazone ulcer; Indomethacin; Sulfhydryl (Bhounsule, S.A. (177) 87)

Ethanol withdrawal seizures
NMDA receptors; MK-801 binding; Genetics; Pharmacogenetics; (Selected mouse lines) (Valverius, P. (184) 185)

Ethosuximide
Absence model (in rats); Valproate; Tolerance (Wahle, H. (181) 1)

Ethylenediamine (EDA)
Small intestine (in vitro preparations); (Rat); (Guinea-pig) (Krantis, A. (177) 9)

N-Ethylmaleimide
Vas deferens; Clonidine; 2-Chloroadenosine; Idazoxan; FK 33-824; (mouse); (Stimulation parameters) (Kaschube, M. (178) 151)

Muscarinic acetylcholine receptors; Sino-atrial node; Atrium; Guanine nucleotides; Phospholipase (Braun, A.P. (189) 201)

Eticlopride
Dopamine D_1 receptors; Dopamine D_2 receptors; Behavioral effects; Bombesin; SK&F 38393; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour; Locomotion (Merali, Z. (191) 281)

[^{3}H]Etorphine
[^{3}H]Diprenorphine; Cerebellum membranes (rabbit and guinea-pig); Sucrose gradients; 5′-Guanylylimidodiphosphate (GppNHp) (Frances, B. (189) 1)

Excitation-contraction coupling
CGP 28392; BAY k 8644; Nifedipine; Mg^{2+}; Ryanodine; Ca^{2+} release; Force-frequency relation; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

Excitatory amino acid
Quisqualate; AMPA (α-amino-3-hydroxy-5-methylisoxazole-4-propionate); Kynurenate; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Retinal ganglion cell (Aizenman, E. (174) 9)

Alcohol withdrawal; Ethanol; Seizures; NMDA (N-methyl-D-aspartate); MK-801 (Morrisett, R.A. (176) 103)

Glutamate receptors; Glycine; NMDA; MK-801 ((+)-5-methyl-10,11-dihydro-5H-dibenzo-[a,d]cyclohept-5,10-imine maleate) (Marvizón, J.-C.G. (188) 23)

Spinal cord; Nociception; Antinociception; NMDA (N-methyl-D-aspartate); Quisqualate (Raigorodsky, G. (182) 37)

NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Quisqualate; CGS19755; LY233053; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

Substance P; Urethane; Ketamine (Daló, N.L. (184) 173)

NMDA receptors; Seizures; (Mouse) (Mathis, C. (185) 53)

L-Glutamic acid; Neuroblastoma; Voltage clamp (Van der Valk, J.B.F. (185) 99)

Guanine nucleotides; NMDA receptor; Phencyclidine (PCP) (Hood, W.F. (188) 43)

NMDA receptors; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Quinolinic acid; Neurotoxicity (Madsen, U. (189) 381)

Excitatory junction potential
Acetaldehyde; Neuroeffector transmission; Vas deferens (Takeda, R. (186) 197)

Excitatory synaptic transmission
GABA (γ-aminobutyric acid); Glycine; Optic tectum; Ammonium; Penicillin; Cl^- transport (Mazda, G.Y. (179) 111)

Excitotoxic cell death
Vinpocetine; Cerebro-cortical culture; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; Glutamate (Erdö, S.L. (187) 551)

Excitotoxicity
Quinolinic acid; Gangliosides; Huntington's chorea; Choline acetyltransferase; L-Glutamic acid decarboxylase (Lombardi, G. (174) 123)

GABA (γ-aminobutyric acid); Glutamate; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; Cerebro-cortical culture (Erdö, S.L. (182) 203)

Inositol hexakisphosphate; Phosphatidylinositol cycle; Epilepsy; Behaviour; EEG (Smith, S.E. (191) 337)

Excitotoxins
Spinal cord injury; NMDA receptor antagonists; 5-Hydroxytryptamine (5-HT, serotonin) (Faden, A.I. (175) 165)

NMDA receptors; Dopamine D-1 receptors; Quinolinic acid; MK-801; (Supersensitivity) (Norman, A.B. (176) 363)

Exercise
Muscle damage; Dantrolene sodium; Creatine kinase; Isoenzymes; Histology; Ca^{2+}; Sarcoplasmic reticulum (Amelink, G.J.H. (179) 187)

Exploration
Infantile stimulation; Ro15-1788 (perinatal); Elevated plus-maze; (Rat) (Fernández-Teruel, A. (191) 111)

Exploratory behaviour
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Copulatory behaviour; (Long-term treatment); (Male rat) (Johansson, C.E. (178) 1)

Expression
$GABA_A$ receptors; Cell lines (stable); Patch-clamping; Single channels (Moss, S.J. (189) 77)

Extracellular space
Behaviour; Brain; Drug distribution; Microdialysis; Pharmacokinetics; Theophylline; (Rat) (Ståhle, L. (185) 187)

Eye
α-Adrenoceptor blockade; β-Adrenoceptor blockade; Neuropeptide Y (NPY); Sympathetic nerve stimulation; Vasoconstriction (Granstam, E. (175) 175)

F1933
Amygdala; Kindling; Benzodiazepines; Epilepsy; (Rat) (Lerner-Natoli, M. (182) 161)

Facial vein (simian)
Cannula insertion method; Acetylcholine; Muscarinic receptor subtypes; Vasoconstriction (Chiba, S. (191) 311)

Fade
Nicotinic acetylcholine receptors (muscle); d-Tubocurarine; Erabutoxin b; Neuromuscular transmission; End-plate potentials (Bradley, R.J. (176) 11)

Fasciculation
Neostigmine; Ca^{2+} channel blocking agents; Neuromuscular junction; Phenytoin; Motor nerve ending; Anticholinesterase agents (Raines, A. (173) 11)

Fat cells (rabbit)
α_2-Adrenoceptors; Non-adrenergic sites; Imidazoline; Lipolysis (Langin, D. (188) 261)

ω_3-Fatty acids
Docosahexaenoic acid; Fatty acids (n-3 polyunsaturated); Vascular responses; Cardiovascular disease; (Fish oils) (Engler, M.B. (185) 223)

Fatty acids (n-3 polyunsaturated)
ω_3-Fatty acids; Docosahexaenoic acid; Vascular responses; Cardiovascular disease; (Fish oils) (Engler, M.B. (185) 223)

Fatty lesions
Taurine; Atherosclerosis; Cholesterol; Antioxidants (Petty, M.A. (180) 119)

Feeding
ACTH-(1-24); Anorexia; Grooming; (Rat) (Vergoni, A.V. (179) 347)

Felodipine
Endothelin-1; Vas deferens; Adrenergic neurotransmission; Smooth muscle (Wiklund, N.P. (185) 25)

Fenfluramine
Dorsal raphe; Locus coeruleus; A10 neurons (Scuvée-Moreau, J. (179) 211)

D-Fenfluramine
5-HT (5-hydroxytryptamine, serotonin); Zimelidine; Brofaromine; Dorsal raphe; Food intake (Fletcher, P.J. (184) 265)

Runway performance; Food intake; 5-HT_1 receptors (central) (Neill, J.C. (190) 105)

Fenoldopam
Dopamine D-1 receptors; Prolactin; Pituitary gland (anterior) (Schoors, D.F. (173) 109)

Renal failure (chronic); Renal blood flow; (Dog) (Brooks, D.P. (184) 195)

Gastric motility; Dopamine receptors; Quinpirole; 5-HT receptors (Lefebvre, R.A. (185) 69)

Propylbutyldopamine; SCH 23390; Domperidone; Coronary resistance; Peripheral resistance (Zhao, R.-R. (190) 193)

Fibrates
Hypercholesterolemia; Beclobrate; Lipoprotein, β-very low density (β-VLDL), receptors; Lipoproteins, high density (HDL); Apolipoprotein E; (Rat) (Manzoni, C. (190) 39)

Fibrinolysis
Endothelin; Platelet aggregation; Prostacyclin; Plasminogen activator (tissue); Haemodynamics; (Rabbit) (Lidbury, P.S. (186) 205)

Fibroblasts (rat)
Benzodiazepine receptors (peripheral); Ro 5-4864; (Quaternary ligand) (Weissman, B.A. (187) 369)

FK 33-824
Vas deferens; N-Ethylmaleimide; Clonidine; 2-Chloroadenosine; Idazoxan; (mouse); (Stimulation parameters) (Kaschube, M. (178) 151)

Flavin-containing monooxygenase
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); $MPDP^+$ (1-methyl-4-phenyl-1,3-dihydropyridine); MPP^+ (1-methyl-4-phenylpyridine); Neurotoxicity; N-Methylmercaptoimidazole (Chiba, K. (180) 59)

Flesinoxan
5-HT_{1A} receptors; Cardiovascular responses; (Rat) (Dreteler, G.H. (180) 339)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Dorsal raphe nucleus; Hypotension; Bradycardia; 5-HT_{1A} receptors; (Conscious rat) (Connor, H.E. (182) 63)

Flexor reflex
l-5-HTP (l-5-hydroxytryptophan); Quipazine; 5-HT_2 receptors; (±)-DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Skarsfeldt, T. (176) 135)

Nociception; Spinal cord; Substance P; Morphine; Unmyelinated afferents; (Intrathecal) (Xu, X.-J. (182) 137)

Opioids; Spinal cord; Spinal cord injury (Hao, J. (191) 407)

Flumazenil
Drug discrimination; Benzodiazepines; Agonists; (Inverse agonists); (Rat) (Woudenberg, F. (178) 29)

Benzodiazepines; Tolerance; Dependence (Löscher, W. (180) 255)

GABA (γ-aminobutyric acid); Benzodiazepine; Ro15-4513; Photoaffinity labeling; Ro15-1788 (Borden, L.A. (188) 391)

Flunarizine
Phosphatidylserine monolayers; Ca^{2+}; R 56865 (Vogelgesang, R. (188) 17)

Cerebral ischemia; Baroreflex (vagal); Ifenprodil (Kurihara, J. (190) 23)

Cocaine; (−)-Sulpiride; Microdialysis; [^{3}H]Spiperone binding; Motor activity (Pani, L. (190) 223)

Fluoride
T-cell receptors; Signal transduction; Inositol phosphates; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

Fluorinated catecholamines
Sympathomimetic amines; Adrenoceptors; Catecholamines; Epinephrine; Fluoroepinephrines (Bass, A.S. (187) 87)

Fluoroacetic acid
Ca^{2+}; Chelators; Fluorocitric acid; EDTA; EGTA; Seizures; Toxicity (Hornfeldt, C.S. (179) 307)

Fluorocitric acid
Ca^{2+}; Chelators; Fluoroacetic acid; EDTA; EGTA; Seizures; Toxicity (Hornfeldt, C.S. (179) 307)

Fluoroepinephrines
Sympathomimetic amines; Adrenoceptors; Fluorinated catecholamines; Catecholamines; Epinephrine (Bass, A.S. (187) 87)

p-Fluoro-hexahydro-sila-difenidol
Muscarinic receptor subtypes; Muscarinic M_3-selective receptor antagonists; Ear artery (rabbit); Coronary artery (bovine); Vascular endothelium; Smooth muscle (vascular) (Duckles, S.P. (185) 227)

cis(Z)-Flupentixol
Turning; Ventral striatum; SCH 23390; (−)-Sulpiride; YM-09151-2 (Koshikawa, N. (178) 233)

Fluphenazine
Nucleus accumbens; (−)-Sulpiride; Forced swimming test; Desipramine; (Rat) (Cervo, L. (178) 129)

FMLP (formyl-methionyl-leucyl-phenylalanine)
Thromboxane synthetase inhibitor; Airway hyperresponsiveness; Thromboxane A_2; PAF (platelet-activating factor, PAF-acether); Antigen (Komatsu, H. (184) 87)

Food consumption
Dopamine receptor agonists; N-0437; Stereoisomers; Yawning behaviour (Timmerman, W. (174) 107)

Food intake
5-HT (5-hydroxytryptamine, serotonin); d-Fenfluramine; Zimelidine; Brofaromine; Dorsal raphe (Fletcher, P.J. (184) 265)

D-Fenfluramine; Runway performance; 5-HT_1 receptors (central) (Neill, J.C. (190) 105)

Food intake (mouse)
Quazepam; Brotizolam; Zopiclone; Zolpidem; Anticonvulsants; Depressant effects (central); Benzodiazepine ω_1 receptor sites; (Intrinsic activity) (Perrault, G. (187) 487)

Foot-shock
Microdialysis; Noradrenaline; Diazepam (Rossetti, Z.L. (176) 229)

Forced swimming test
Nucleus accumbens; (−)-Sulpiride; Desipramine; Fluphenazine; (Rat) (Cervo, L. (178) 129)

Picrotoxin; Imipramine; Desipramine; $GABA_A$-benzodiazepine-Cl complex; Open field (Fernández-Teruel, A. (181) 35)

Luzindole (N-0774); Melatonin receptor antagonists; C3H/HeN mouse; ND/4 mouse; C57BL/6J mouse (Dubocovich, M.L. (182) 313)

Force-frequency relation
CGP 28392; BAY k 8644; Nifedipine; Mg^{2+}; Ryanodine; Excitation-contraction coupling; Ca^{2+} release; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

Forebrain (rat)
[^{3}H]β-CCE ([^{3}H]β-carboline-3-carboxylic acid ethyl ester); Non-benzodiazepine binding sites; Silver (Korneyev, A.Y. (173) 201)

Formalin
Opioids; U-50,488H; Antinociception (Haley, J. (191) 437)

Formalin test
Analgesia; Medetomidine; Atipamezole; Cocaine; Tail-flick test; Mechanical pain; (Rat) (Pertovaara, A. (179) 323)

Analgesia; Pain; U-50,488H; Naloxone; WIN 44,441-3; κ Opioid receptors; Spinal cord (Pelissier, T. (190) 287)

Forskolin
Caffeine; cAMP; Cortex; (Rat) (Mante, S. (175) 203)

1,9-Dideoxy-forskolin; Adenylate cyclase; Acetylcholine release; Hippocampus; (Rabbit) (Allgaier, C. (181) 279)

Uterine-smooth muscle; β_2-Adrenoceptors; Isoprenaline; Ovarian steroids; Pregnancy (Hall, S. (184) 33)

Isoproterenol infusion; Ca^{2+} channels; Myocardial contractions (Bowling, N. (187) 155)

Smooth muscle (cerebrovascular); Second messengers; Phorbol 12,13-dibutyrate; Pial vessels; (In vitro pharmacology) (Horsburgh, K. (191) 205)

FPL 55712
Leukotriene receptors; Ileum (guinea-pig); ICI 198615; SK&F 103944 (Gardiner, P.J. (182) 291)

Free radicals
Vestibular dysfunctions; Semicircular canal; Phenazine methosulfate; Trimetazidine (Aubert, A. (174) 215)

Frequency dependence
Bradycardiac agents; Pacemaker currents; Use dependence; Voltage dependence; (Electrophysiology) (Van Bogaert, P.P. (187) 241)

Frontal cortex
Ethanol; Desipramine; β-Adrenoceptors; Down-regulation; Hippocampus (Turkka, J. (177) 171)

β-Funaltrexamine
Opiate receptors; Stress; Blood pressure (high); Naloxone enantiomorphs; ICI 174,864 (Jiménez, I. (182) 155)

Functional antagonism
β-Adrenoceptors; Vas deferens (rat); Agonist dissociation constant; Efficacy (relative) (Diaz-Toledo, A. (191) 157)

Fundus striati
GABA (γ-aminobutyric acid); Microdialysis; Striatum; Dorsolateral striatum; Ventral striatum; Globus pallidus (Drew, K.L. (187) 385)

Fura-2
Smooth muscle (vascular); Cadralazine; ISF-2405; Ca^{2+} signals; (Rabbit); (Dog) (Mitsui, M. (178) 171)

Pinacidil; K^+ channel activators; Smooth muscle (vascular); Ca^{2+} signals; (Rat) (Anabuki, J. (190) 373)

Fura 2-Ca^{2+} signal
Smooth muscle (vascular); Tail artery; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Ca^{2+}; (Rat) (Thorin-Trescases, N. (179) 469)

GABA agonists
GABA antagonists; Petit mal (absence) seizures; Anticonvulsant mechanisms; Benzodiazepines (Smith, K.A. (176) 45)

GABA antagonists
GABA agonists; Petit mal (absence) seizures; Anticonvulsant mechanisms; Benzodiazepines (Smith, K.A. (176) 45)

GABA autoreceptors
Substantia nigra (pars compacta); Substantia nigra (pars reticulata); $GABA_B$ receptor subtypes (Giralt, M.T. (175) 137)

$GABA_A$-benzodiazepine-Cl complex
Forced swimming test; Picrotoxin; Imipramine; Desipramine; Open field (Fernández-Teruel, A. (181) 35)

GABA-benzodiazepine receptors
GABA (γ-aminobutyric acid); Pentobarbitone; Bicuculline; Picrotoxin; Diazepam; Baclofen; Ion channels; Neurons; (Snail) (Kim, K.H. (182) 49)

Gabaculine
GABA turnover; GABA-T; Apomorphine (Steulet, A.-F. (174) 161)

Ethanol; GABA (γ-aminobutyric acid); Bicuculline; Aminooxyacetic acid; (Mouse) (Hinko, C.N. (182) 261)

Dopamine D_1 receptors; Dopamine D_2 receptors; GABA synthesis (rate of); Brain (mouse) (Steulet, A.-F. (191) 19)

GABA efflux
Astrocyte; L-Methionine-D,L-sulfoximine; Glutamine efflux; D-Aspartate efflux (Albrecht, J. (182) 587)

GABAergic neuronal system
DM-9384 (N-(2,6-dimethyl-phenyl)-2-(2-oxo-1-pyrrolidinyl) acetamide); Passive avoidance task; Picrotoxin; Bicuculline; Memory; $GABA_A$ receptors (Nabeshima, T. (178) 143)

GABA (γ-aminobutyric acid)
L-Lysine; Benzodiazepine receptor stimulation; Pentobarbital; Picrotoxinin; Convulsions (Gao, X.-M. (173) 197)

ω-Conotoxin; Ca^{2+} channels; Presynaptic mechanism; Acetylcholine; Intracellular recording; Hippocampus; (Slice) (Dutar, P. (174) 261)

Cl^- flux; Benzodiazepine; Tolerance; β-Carboline; DMCM (methyl-6,7-dimethoxy-4-ethyl-β-carboline-3-carboxylate) (Ngur, D.O. (176) 351)

Glycine; Optic tectum; Ammonium; Penicillin; Cl^- transport; Excitatory synaptic transmission (Mazda, G.Y. (179) 111)

Cage convulsant; TBOB (t-butylbicycloorthobenzoate); $GABA_A$-receptor complex; Picrotoxin (Van Rijn, C.M. (179) 419)

Vagus; Vasopressin; Picrotoxin; Blood pressure; Heart rate (Wible, Jr., J.H. (181) 215)

Pentobarbitone; Bicuculline; Picrotoxin; Diazepam; Baclofen; GABA-benzodiazepine receptors; Ion channels; Neurons; (Snail) (Kim, K.H. (182) 49)

Epilepsy; Glycine; Vigabatrin; EEG; (Rat) (Liu, Z. (182) 109)

Ileum (cat isolated terminal); Smooth muscle effect; Baclofen; $GABA_B$ receptors (Pencheva, N. (182) 199)

Excitotoxicity; Glutamate; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; Cerebro-cortical culture (Erdő, S.L. (182) 203)

Ethanol; Bicuculline; Aminooxyacetic acid; Gabaculine; (Mouse) (Hinko, C.N. (182) 261)

Glutamate; Cl^- channels; Concentration clamp; (*Aplysia* neuron); (Internal perfusion); (Voltage clamp) (Oyama, Y. (185) 43)

Nicotine; Progesterone metabolites; Paired pulses; Hippocampus; (Seizure) (Luntz-Leybman, V. (185) 239)

Substantia nigra; Kindling; Anti-epileptic drugs (Wahnschaffe, U. (186) 157)

Baclofen; $GABA_B$ receptor antagonists; CGP 35348; $GABA_B$ receptors; Hippocampus; Spinal cord; (Rat) (Olpe, H.-R. (187) 27)

Microdialysis; Striatum; Dorsolateral striatum; Ventral striatum; Fundus striati; Globus pallidus (Drew, K.L. (187) 385)

Morphine; Stress; Benzodiazepines (Del Rio-Garcia, J. (187) 495)

Benzodiazepine; Ro15-4513; Photoaffinity labeling; Flumazenil; Ro15-1788 (Borden, L.A. (188) 391)

Pregnane steroids; Benzodiazepine receptors; Receptor gene (Lan, N.C. (188) 403)

[^{14}C]GABA release; [^{14}C]GABA uptake; 5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Stress; Handling; Benzodiazepines (File, S.E. (190) 229)

GABA mimetic
Gastric secretion; Vagal stimulation; (Central mechanism) (Hara, N. (179) 17)

GABA preincubation
Receptor desensitisation; $GABA_A$ receptor isomerisation; Receptor autoradiography; (Allosteric modulations) (Bristow, D.R. (173) 65)

GABA receptor agonists
Chlordiazepoxide; GABA receptor antagonists; Acetylcholine receptor antagonist; Cholinergic neuronal system; Passive avoidance response; (Mouse) (Nabeshima, T. (182) 555)

GABA receptor antagonists
Chlordiazepoxide; GABA receptor agonists; Acetylcholine receptor antagonist; Cholinergic neuronal system; Passive avoidance response; (Mouse) (Nabeshima, T. (182) 555)

$GABA_B$ receptor antagonists
Baclofen; CGP 35348; $GABA_B$ receptors; GABA (γ-aminobutyric acid); Hippocampus; Spinal cord; (Rat) (Olpe, H.-R. (187) 27)

$GABA_A$-receptor complex
Cage convulsant; TBOB (t-butylbicycloorthobenzoate); GABA (γ-aminobutyric acid); Picrotoxin (Van Rijn, C.M. (179) 419)

$GABA_A$ receptor isomerisation
Receptor desensitisation; GABA preincubation; Receptor autoradiography; (Allosteric modulations) (Bristow, D.R. (173) 65)

$GABA_A$ receptors
Uterus; Pregnancy; Steroid regulation (Majewska, M.D. (174) 43)

[^{3}H]Muscimol autoradiography; Stomach (rat); Gastric mucosa (Erdö, S.L. (175) 351)

DM-9384 (N-(2,6-dimethyl-phenyl)-2-(2-oxo-1-pyrrolidinyl) acetamide); Passive avoidance task; Picrotoxin; Bicuculline; GABAergic neuronal system; Memory (Nabeshima, T. (178) 143)

Cl^- currents; Hippocampus; Cortex; Ethanol; (Neuron) (Aguayo, L.G. (187) 127)

Expression; Cell lines (stable); Patch-clamping; Single channels (Moss, S.J. (189) 77)

Benzodiazepine receptor subtypes; Receptor autoradiography (Mennini, T. (189) 143)

Steroids; Pregnenolone sulfate; Brain; Cl^- ionophore (Majewska, M.D. (189) 307)

γ2-Subunit; Antipeptide antibodies (Benke, D. (189) 337)

$GABA_B$ receptors; Baclofen; Phaclofen; Retinal ganglion cell (Ikeda, H. (190) 1)

Thyrotropin-releasing hormone (TRH); Thyrotropin release in vitro; Ca^{2+} channels; ω-Conotoxin; G-proteins (guanine nucleotide-binding proteins) (Roussel, J.-P. (190) 135)

$GABA_A$ receptors (central)
$GABA_B$ receptors (central); Muscimol; Baclofen; Bicuculline; Phaclofen; Gastric acid secretion; (Intracerebroventricular route); (Rat models) (Del Tacca, M. (177) 189)

$GABA_B$ receptors
Ileum (cat isolated terminal); GABA (γ-aminobutyric acid); Smooth muscle effect; Baclofen (Pencheva, N. (182) 199)

Baclofen binding; Kidney (rat); Autoradiography (Erdö, S.L. (184) 305)

Baclofen; $GABA_B$ receptor antagonists; CGP 35348; GABA (γ-aminobutyric acid); Hippocampus; Spinal cord; (Rat) (Olpe, H.-R. (187) 27)

$GABA_A$ receptors; Baclofen; Phaclofen; Retinal ganglion cell (Ikeda, H. (190) 1)

$GABA_B$ receptors (central)
$GABA_A$ receptors (central); Muscimol; Baclofen; Bicuculline; Phaclofen; Gastric acid secretion; (Intracerebroventricular route); (Rat models) (Del Tacca, M. (177) 189)

GABA receptor subtypes
Phaclofen; Ethanol; ^{36}Cl influx; Picrotoxin; NMDA (N-methyl-D-aspartate) (Mehta, A.K. (182) 473)

$GABA_B$ receptor subtypes
GABA autoreceptors; Substantia nigra (pars compacta); Substantia nigra (pars reticulata) (Giralt, M.T. (175) 137)

GABA release
Ca^{2+} channels; ω-Conotoxin GVIA; Dihydropyridines; Striatal neurons (Pin, J.-P. (188) 81)

Quisqualate; Kainate; Glutamate; Concanavalin A; Striatal neurons (Charpentier, N. (189) 241)

[^{14}C]GABA release
[^{14}C]GABA uptake; GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Stress; Handling; Benzodiazepines (File, S.E. (190) 229)

[^{3}H]GABA release
MNQX (5,7-dinitro-quinoxaline-2,3-dione); Glycine antagonist; NMDA (N-methyl-D-aspartate); Spreading depression; (Electrophysiology) (Sheardown, M.J. (174) 197)

GABA synthesis (rate of)
Dopamine D_1 receptors; Dopamine D_2 receptors; Gabaculine; Brain (mouse) (Steulet, A.-F. (191) 19)

GABA-T
GABA turnover; Apomorphine; Gabaculine (Steulet, A.-F. (174) 161)

GABA turnover
GABA-T; Apomorphine; Gabaculine (Steulet, A.-F. (174) 161)

[^{14}C]GABA uptake
[^{14}C]GABA release; GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Stress; Handling; Benzodiazepines (File, S.E. (190) 229)

Galanin
Neuropeptide Y (NPY); mRNA; Hybridization (in situ); Gene regulation; Locus coeruleus (Gundlach, A.L. (184) 163)

ATP-sensitive K^+ channels; Cromakalim; RP49356; Diazoxide; Glibenclamide; Portal vein (rat) (Longmore, J. (190) 75)

Somatostatin release; Rin-m cells; G-proteins (guanine nucleotide-binding proteins) (Amiranoff, B. (191) 401)

Gallamine
Muscarinic receptor subtypes; Methoctramine; Allosteric effects (Michel, A.D. (182) 335)

Ganglionic blockade
Norepinephrine turnover; Arterial pressure (mean); Vasoconstrictors; α-Methyl-p-tyrosine (Kline, R.L. (184) 109)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); $5\text{-}HT_{1A}$ receptors; Adrenaline; Glycemia; Corticosterone; Hexamethonium (Chaouloff, F. (185) 11)

Ganglionic blockers
β-Adrenoceptors; Circulatory filling pressure (mean); Venous compliance; Hexamethonium (Abdelrahman, A. (190) 321)

Ganglionic transmission
Sympathetic ganglia; α-Adrenoceptors (Mercuro, G. (185) 61)

Gangliosides
Quinolinic acid; Excitotoxicity; Huntington's chorea; Choline acetyltransferase; L-Glutamic acid decarboxylase (Lombardi, G. (174) 123)

Gastric acid
Stomach; Ulcerations; Prostaglandins; Cytoprotection (Konturek, S.J. (176) 187)

Gastric acid secretion
$GABA_A$ receptors (central); $GABA_B$ receptors (central); Muscimol; Baclofen; Bicuculline; Phaclofen; (Intracerebroventricular route); (Rat models) (Del Tacca, M. (177) 189)

Omeprazole; Ranitidine; (Rat) (Seensalu, R. (180) 145)

Endotoxin; Gastric pepsin secretion; Infection; Lipopolysaccharide; Pylorus-ligated rats (Uehara, A. (181) 141)

Capsaicin; Histamine H_1 receptor agonists; Histamine H_2 receptor agonists; Vagus (Yoneda, M. (186) 349)

Gastric cytoprotection
Gastric ulceration; Gastric mucosal barrier; Gastric mucus; Zinc salts (Bravo, L. (190) 59)

Gastric damage
Interleukin-1; Ulcer; Duodenal ulceration; Prostaglandins; Cytoprotection (Wallace, J.L. (186) 279)

Gastric emptying
Sauvagine; CRF (corticotropin-releasing factor); Vagotomy; Hypophysectomy; Adrenalectomy; Corticosterone (Broccardo, M. (182) 357)

$5\text{-}HT_3$ receptors; Protein meals; Ondansetron (Forster, E.R. (191) 235)

Gastric fundus (rat)
N^G-Monomethyl-L-arginine (L-NMMA); L-Arginine; Nitric oxide (NO); Non-adrenergic, non-cholinergic transmission; Vasoactive intestinal polypeptide (VIP) (Li, C.G. (191) 303)

Gastric motility
Dopamine receptors; Fenoldopam; Quinpirole; 5-HT receptors (Lefebvre, R.A. (185) 69)

Gastric mucosa
$GABA_A$ receptors; [^{3}H]Muscimol autoradiography; Stomach (rat) (Erdö, S.L. (175) 351)

Gastric mucosal barrier
Gastric ulceration; Gastric cytoprotection; Gastric mucus; Zinc salts (Bravo, L. (190) 59)

Gastric mucosal blood flow
Nitric oxide (NO); EDRF (endothelium-derived relaxing factor); L-NMMA (N^G-monomethyl-L-arginine); L-Arginine; Microcirculation (Pique, J.M. (174) 293)

Gastric mucosal cell
IT-066; Histamine H_2 receptor antagonists; [^{14}C]Aminopyrine accumulation (Isobe, Y. (178) 343)

Gastric mucosal protection
Colloidal bismuth subcitrate; Mucus physicochemical qualities; (Rat) (Piotrowski, J. (184) 55)

Gastric mucus
Gastric ulceration; Gastric cytoprotection; Gastric mucosal barrier; Zinc salts (Bravo, L. (190) 59)

Gastric parietal cells
Pirenzepine; AF-DX 116; Muscarinic acetylcholine receptors (Kajimura, M. (178) 59)

Gastric pepsin secretion
Endotoxin; Gastric acid secretion; Infection; Lipopolysaccharide; Pylorus-ligated rats (Uehara, A. (181) 141)

Gastric secretion
GABA mimetic; Vagal stimulation; (Central mechanism) (Hara, N. (179) 17)

Esaprazole; Cytoprotection; Prostaglandin E_2; Prostaglandin I_2; Anti-ulcer agents (Zuccari, G. (187) 19)

Gastric ulceration
Gastric cytoprotection; Gastric mucosal barrier; Gastric mucus; Zinc salts (Bravo, L. (190) 59)

Gastrin-releasing peptide (GRP)
Insulin secretion; Glucagon secretion; Peptide receptor antagonists; Vasoactive intestinal polypeptide (VIP); Cholecystokinin (CCK); (Mouse); (In vivo) (Karlsson, S. (191) 457)

Gastrocnemius muscle
β_1- Adrenoceptors; β_2-Adrenoceptors; Left ventricle; ^{125}I-Cyanopindolol; Adenylate cyclase; Desensitization (Elfellah, M.S. (182) 387)

Gastrointestinal motility
5-HT receptors; Prokinetic activity; Benzamide derivatives (Schiavone, A. (187) 323)

Gastrointestinal propulsion
Antidiarrheals; Analgesia; Opioids; Gut motility; Gut selectivity; (In vivo); (Rat) (Megens, A.A.H.P. (178) 357)

GBR 12909
[^{3}H]GBR 12935; Cocaine; Mazindol; Dopamine uptake; Nucleus accumbens; Striatum (Berger, P. (177) 91)

Dopamine; Reward; SCH 23390 (Rompré, P.-P. (182) 181)

Amphetamine; Ascorbate; Neostriatum; Quinpirole; SK&F 38393; Voltammetry (in vivo) (Pierce, R.C. (191) 295)

[^{3}H]GBR 12783 binding in vivo
Dexamphetamine; Dopamine uptake complex; Locomotor activity (Vaugeois, J.-M. (178) 221)

[^{3}H]GBR 12935
GBR 12909; Cocaine; Mazindol; Dopamine uptake; Nucleus accumbens; Striatum (Berger, P. (177) 91)

Gene regulation
Galanin; Neuropeptide Y (NPY); mRNA; Hybridization (in situ); Locus coeruleus (Gundlach, A.L. (184) 163)

Genetics
Ethanol withdrawal seizures; NMDA receptors; MK-801 binding; Pharmacogenetics; (Selected mouse lines) (Valverius, P. (184) 185)

Glibenclamide
Smooth muscle; Membrane conductance; Taenia caeci; Cromakalim (Den Hertog, A. (174) 287)

Pinacidil; Cromakalim; K^+ channels; Smooth muscle (airway) (Nielsen-Kudsk, J.E. (180) 291)

ATP-sensitive K^+ channels; Cromakalim; RP49356; Diazoxide; Galanin; Portal vein (rat) (Longmore, J. (190) 75)

Globus pallidus
Dopamine D_1 receptors; Dopamine D_2 receptors; Apomorphine; Jaw movements; Nucleus accumbens (Koshikawa, N. (182) 375)

GABA (γ-aminobutyric acid); Microdialysis; Striatum; Dorsolateral striatum; Ventral striatum; Fundus striati (Drew, K.L. (187) 385)

Glomerulosa cells
Angiotensin II receptors; Phospholipase C; Inositol phosphate; Aldosterone; Adrenal cortex (Boulay, G. (189) 267)

Glucagon
Muscarinic receptor subtypes; Islets of Langerhans (rat); Insulin (Verspohl, E.J. (178) 303)

Glucagon secretion
Insulin secretion; Peptide receptor antagonists; Vasoactive intestinal polypeptide (VIP); Gastrin-releasing peptide (GRP); Cholecystokinin (CCK); (Mouse); (In vivo) (Karlsson, S. (191) 457)

Glucocorticoids
Atrial natriuretic peptide (ANP); Endothelium; Anti-glucocorticoids; (Receptors) (Lanier-Smith, K.L. (178) 105)

Glucose
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Adrenal glands; Insulin; Cardiovascular system (rat) (Bouhelal, R. (181) 89)

Glucose load
Idazoxan; α_2-Adrenoceptors; Plasma glucose; Insulin (immunoreactive); (Rat) (John, G.W. (187) 531)

Glutamate
GABA (γ-aminobutyric acid); Excitotoxicity; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; Cerebro-cortical culture (Erdö, S.L. (182) 203)

GABA (γ-aminobutyric acid); Cl^- channels; Concentration clamp; (*Aplysia* neuron); (Internal perfusion); (Voltage clamp) (Oyama, Y. (185) 43)

Glycine receptors; 7-Chlorokynurenic acid; Kynurenic acid; Bicuculline; Convulsions; Area tempestas; NMDA receptors; Epilepsy (Wardas, J. (187) 59)

Vinpocetine; Cerebro-cortical culture; Excitotoxic cell death; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate (Erdö, S.L. (187) 551)

Dextrorphan; Glycine; Noncompetitive NMDA antagonists; Brain; (Rat) (Franklin, P.H. (189) 89)

Quisqualate; Kainate; Concanavalin A; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Ca^{2+}; Kainate; Quisqualate; NMDA; (Chick) (McMillian, M. (189) 253)

L-Glutamic acid diethyl ester; Quisqualate receptors; Kainate receptors; Discrimination learning (Lalonde, R. (190) 235)

L-Glutamate
cis-2,4-Methanoglutamate; NMDA (N-methyl-D-aspartate); Oocytes; Hippocampal slices; (Radioligand binding) (Lanthorn, T.H. (182) 397)

Glutamate agonists
Cerebellum; Cell culture; Neurotransmitter release (Rogers, K.L. (177) 195)

Glutamate effect
TCP (thienyl-phencyclidine); CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); Postsynaptic densities (Foucaud, B. (189) 355)

Glutamate receptors
Excitatory amino acid; Glycine; NMDA; MK-801 ((+)-5-methyl-10,11-dihydro-5H-dibenzo-[a,d]cyclohept-5,10-imine maleate) (Marvizón, J.-C.G. (188) 23)

Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

In situ hybridization; Kainic acid; *Xenopus* oocyte; Hippocampus (Gall, C. (189) 217)

L-Glutamic acid
Neuroblastoma; Voltage clamp; Excitatory amino acid (Van der Valk, J.B.F. (185) 99)

L-Glutamic acid decarboxylase
Quinolinic acid; Gangliosides; Excitotoxicity; Huntington's chorea; Choline acetyltransferase (Lombardi, G. (174) 123)

L-Glutamic acid diethyl ester
Quisqualate receptors; Kainate receptors; Discrimination learning; Glutamate (Lalonde, R. (190) 235)

Glutamine efflux
Astrocyte; L-Methionine-D,L-sulfoximine; GABA efflux; D-Aspartate efflux (Albrecht, J. (182) 587)

Glyburide
RP52891; 5-Hydroxydecanoate, sodium; Myocardial ischemia; K^+ channel activators (Grover, G.J. (191) 11)

Glycemia
Buspirone; Ipsapirone; Adrenaline; 5-HT_{1A} receptors (Chaouloff, F. (177) 107)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; 5-HT_{1A} receptors; Adrenaline; Pentobarbital anaesthesia (Chaouloff, F. (180) 175)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors; Adrenaline; Corticosterone; Hexamethonium; Ganglionic blockade (Chaouloff, F. (185) 11)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_{1C} receptors; 5-HT_2 receptors; Insulin release; Sympathoadrenal system (Chaouloff, F. (187) 435)

Glyceryl trinitrate
Nitric oxide (NO); Sodium nitroprusside; Smooth muscle cells (vascular); DNA synthesis; Growth (Nakaki, T. (189) 347)

Glycine
GABA (γ-aminobutyric acid); Optic tectum; Ammonium; Penicillin; Cl^- transport; Excitatory synaptic transmission (Mazda, G.Y. (179) 111)

Morphine; Nociception (thermal); Nociception (chemical-visceral) (Carrara, M. (179) 301)

Epilepsy; Vigabatrin; GABA (γ-aminobutyric acid); EEG; (Rat) (Liu, Z. (182) 109)

[^{3}H]Noradrenaline release; Strychnine-sensitive receptors; Hippocampal slices (rat); Hippocampal synaptosomes (rat); Serine (Raiteri, M. (184) 239)

Excitatory amino acid; Glutamate receptors; NMDA; MK-801 ((+)-5-methyl-10,11-dihydro-5H-dibenzo-[a,d]cyclohept-5,10-imine maleate) (Marvizón, J.-C.G. (188) 23)

NMDA; (Receptors) (Kaplita, P.V. (188) 175)

Dextrorphan; Glutamate; Noncompetitive NMDA antagonists; Brain; (Rat) (Franklin, P.H. (189) 89)

NMDA receptors; Enantiomers; HA-966 (1-hydroxy-3-amino-pyrrolidone-2); Spermine (Pullan, L.M. (189) 237)

ACPC (1-aminocyclopropanecarboxylic acid); Anxiolytics; NMDA receptors; Ultrasonic calls; Distress vocalizations (Winslow, J.T. (190) 11)

NMDA (N-methyl-D-aspartate); 7-Chlorokynurenic acid; HA-966; Spinal cord; Cortical wedge; (Electrophysiology) (Brugger, F. (191) 29)

NMDA (N-methyl-D-aspartate); Noradrenaline release; Hippocampus (rat); Synaptosomes (superfused) (Pittaluga, A. (191) 231)

[^{3}H]Glycine
NMDA receptor; Glycine recognition site; Vinylglycine (Monahan, J.B. (189) 373)

Glycine antagonist
MNQX (5,7-dinitro-quinoxaline-2,3-dione); NMDA (N-methyl-D-aspartate); [^{3}H]GABA release; Spreading depression; (Electrophysiology) (Sheardown, M.J. (174) 197)

Glycine binding
NMDA receptor; Glycine receptor; Receptor coupling; Glycine receptor antagonist (Compton, R.P. (188) 63)

Glycine/NMDA receptors
(+)-HA-966; Phencyclidine; Drug discrimination (Singh, L. (186) 129)

κ Opioid receptors; NMDLA (N-methyl-DL-aspartate); NMDLA infusion; Seizures (Singh, L. (191) 477)

Glycine receptor antagonist
NMDA receptor; Glycine receptor; Receptor coupling; Glycine binding (Compton, R.P. (188) 63)

Glycine receptors
7-Chlorokynurenic acid; Kynurenic acid; Bicuculline; Convulsions; Area tempestas; Glutamate; NMDA receptors; Epilepsy (Wardas, J. (187) 59)

NMDA receptor; Receptor coupling; Glycine receptor antagonist; Glycine binding (Compton, R.P. (188) 63)

Glycine recognition site
[^{3}H]Glycine; NMDA receptor; Vinylglycine (Monahan, J.B. (189) 373)

Glycocholate
Vasopressin; Bile salts; Taurocholate; V_1 receptors (Kuhn, W.F. (175) 117)

Glycogenolysis
Purinoceptors; Liver; (Rabbit); (Guinea-pig) (Keppens, S. (182) 149)

GM1 ganglioside
Tyrosine hydroxylase; Aromatic L-amino acid decarboxylase (AAAD); MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Striatum (Hadjiconstantinou, M. (181) 137)

cGMP
Cerebellum; Kainic acid; Quisqualic acid; NMDA (N-Methyl-D-aspartic acid); Barbiturates; Drug dependence; Drug withdrawal (McCaslin, P.P. (173) 127)

Atrial natriuretic peptide (ANP); Sodium nitroprusside; Aorta (isolated) (Stasch, J.-P. (174) 279)

Lithium; cAMP; Phosphodiesterase; Yin-Yang hypothesis; Physostigmine (Harvey, B. (175) 129)

Nitroglycerine; Nitric oxide (NO); S-Nitroso-N-acetylpenicillamine; S-Nitrosothiols; Nitrate tolerance (Kowaluk, E.A. (176) 91)

EDRF (endothelium-derived relaxing factor); N^{ω}-Nitro-L-arginine; N^{G}-Monomethyl-L-arginine; Aortic endothelial cells (bovine); Lung fibroblast cells (fetal rat) (Ishii, K. (176) 219)

ANF (atrial natriuretic factor); Nitroprusside (sodium); cAMP; Peritoneal macrophages (human) (Houdijk, A.P. (179) 413)

Dopamine D_1 receptors; Dopamine D_2 receptors; Guanine nucleotides; Neostriatum (Altar, C.A. (181) 17)

Nitrovasodilators; Polymorphonuclear leukocytes (Schröder, H. (182) 211)

Cerebellum; Nitric oxide (NO); NMDA (N-methyl-D-aspartate); Arginine (East, S.J. (184) 311)

Acetylcholine analgesia; Nitric oxide (NO); Analgesia (peripheral) (Duarte, I.D.G. (186) 289)

Mesenteric artery; Sympathetic neurotransmission; cAMP; (Dog) (Greenberg, S.S. (187) 409)

Muscarinic receptors; Primary cultured neurons; Up-regulation; Second messenger systems; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Amiloride; Atrial natriuretic factor (ANF); ANF receptor; Particulate guanylate cyclase (Ivanova, K. (189) 317)

Nitroprusside; Isoprenaline; cAMP; Smooth muscle; Aorta (rat) (Maurice, D.H. (191) 471)

Goldblatt hypertension (2-K 1-C)
Atriopeptin III; Spontaneously hypertensive rats (SHR); Renal haemodynamics; Na^+ excretion (Johns, E.J. (185) 125)

Gonadotropin-releasing hormone (GnRH)
Castration; [^{3}H]Imipramine binding sites; Depression; Tail suspension test; (Mouse) (Bernardi, M. (187) 501)

G_i-proteins
Dynorphin A; Body temperature; Barrel rolling; Pertussis toxin; Verapamil (Cavicchini, E. (180) 357)

G-proteins (guanine nucleotide-binding proteins)
Endothelium-derived relaxing factor (EDRF); Bacterial toxins (Flavahan, N.A. (178) 121)

Inositol phospholipid breakdown; Adenylate cyclase; Phospholipase C; Carbachol; Li^+, K^+; NaF; Cerebral cortex (rat) (Tiger, G. (188) 51)

Dopamine autoreceptors; Tyrosine hydroxylase (inhibition) (Harada, K. (188) 123)

Substance P receptors; Guanine nucleotides (Luber-Narod, J. (188) 185)

Down-regulation; Cholera toxin; Pertussis toxin (Carr, C. (188) 203)

α_1-Adrenoceptors; Smooth muscle (vascular); Age; Contraction; Phorbol ester (Jagadeesh, G. (189) 11)

GTP; [^{125}I]Iodomelatonin binding; Hypothalamus; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

Carbamazepine; Electroconvulsive shock; β-Adrenoceptors; Muscarinic cholinoceptors (Avissar, S. (189) 99)

Pertussis toxin; Sino-atrial node (Braun, A.P. (189) 105)

Muscarinic acetylcholine receptors; Endoglycosidase F; Deglycosylation (Ohara, K. (189) 341)

$GABA_A$ receptors; Thyrotropin-releasing hormone (TRH); Thyrotropin release in vitro; Ca^{2+} channels; ω-Conotoxin (Roussel, J.-P. (190) 135)

Milrinone; Pertussis toxin (Verrijk, R. (191) 197)

Galanin; Somatostatin release; Rin-m cells (Amiranoff, B. (191) 401)

GR32191
Basilar artery (dog); Neurogenically mediated contraction; Thromboxane; BM 13.177 (Connor, H.E. (174) 205)

GR 43175
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; Cerebral arteries; 5-HT receptors; Migraine; 5-HT_1-like receptors (Parsons, A.A. (174) 189)

GR65630
5-HT_3 receptors; N1E-115 neuroblastoma cells (Lummis, S.C.R. (189) 223)

Grooming
ACTH-(1-24); Feeding; Anorexia; (Rat) (Vergoni, A.V. (179) 347)

Ontogeny; Locomotor activity; Dopamine D_1 receptors; Dopamine D_2 receptors; (Rat pups) (McDougall, S.A. (186) 223)

Grooming behaviour
Neuropeptides; SCH 23390; Sulpiride; SK&F 38393; Quinpirole (Van Wimersma Greidanus, T.B. (173) 227)

Clozapine; Dopamine D_1 receptors; Dopamine D_2 receptors; Jerking behaviour; (Rat) (Murray, A.M. (186) 79)

Vasopressin; Oxytocin; SCH 23390; Neurotensin; Naloxone; Naloxone methobromide (Van Wimersma Greidanus, T.B. (187) 1)

Dopamine D_1 receptors; Dopamine D_2 receptors; Behavioral effects; Bombesin; SK&F 38393; Eticlopride; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Locomotion (Merali, Z. (191) 281)

Growth
Nitric oxide (NO); Glyceryl trinitrate; Sodium nitroprusside; Smooth muscle cells (vascular); DNA synthesis (Nakaki, T. (189) 347)

Growth factors (smooth muscle)
Growth factors (structure-activity); Epidermal growth factor; Transforming growth factor-α (Yang, S.-G. (188) 289)

Growth factors (structure-activity)
Growth factors (smooth muscle); Epidermal growth factor; Transforming growth factor-α (Yang, S.-G. (188) 289)

GTP
G-proteins; [^{125}I]Iodomelatonin binding; Hypothalamus; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

GTPase
T-cell receptors; Signal transduction; Inositol phosphates; Fluoride; ADP ribosylation (Kvanta, A. (189) 363)

Guanidinium ion
Na^+; Na^+ channel; Anesthetics (local) (Reith, M.E.A. (188) 33)

Guanine nucleotides
Dopamine D_1 receptors; Dopamine D_2 receptors; cGMP; Neostriatum (Altar, C.A. (181) 17)

Eltoprazine; 5-HT_1 receptor subtypes; Aggression (offensive); Autoradiography (quantitative) (Sijbesma, H. (187) 209)

NMDA receptor; Phencyclidine (PCP); Excitatory amino acid (Hood, W.F. (188) 43)

Substance P receptors; G-proteins (Luber-Narod, J. (188) 185)

Histamine H_3 receptor; [^{3}H](R)α-Methylhistamine; Ca^{2+} (Arrang, J.-M. (188) 219)

Muscarinic acetylcholine receptors; Sino-atrial node; Atrium; Phospholipase; N-Ethylmaleimide (Braun, A.P. (189) 201)

Guanylate cyclase
Atrial natriuretic factor (ANF); Caged ATP; ATP (Chang, C.-H. (189) 111)

Atrial natriuretic factor (ANF); ATP; ADP (Chang, C.-H. (189) 293)

5′-Guanylylimidodiphosphate (GppNHp)
[^{3}H]Etorphine; [^{3}H]Diprenorphine; Cerebellum membranes (rabbit and guinea-pig); Sucrose gradients (Frances, B. (189) 1)

Gut motility
Antidiarrheals; Gastrointestinal propulsion; Analgesia; Opioids; Gut selectivity; (In vivo); (Rat) (Megens, A.A.H.P. (178) 357)

Gut selectivity
Antidiarrheals; Gastrointestinal propulsion; Analgesia; Opioids; Gut motility; (In vivo); (Rat) (Megens, A.A.H.P. (178) 357)

H-7
Spontaneously hypertensive rat (SHR); Vascular reactivity; Protein kinase C; Phorbol ester (Shibata, R. (175) 261)

(+)-HA-966
Phencyclidine; Glycine/NMDA receptors; Drug discrimination (Singh, L. (186) 129)

HA-1077
Endothelin; Vasospasm; Cerebral artery; Vasocontraction (Asano, T. (190) 365)

Habituation
Elevated plus-maze; Anxiety; Handling; Diazepam; (Rat) (Brett, R.R. (178) 135)

Haemodynamic effects
Xamoterol; Metabolic effects; (Exercising dogs) (Fischer, G. (177) 19)

Haemodynamics
Dopamine; Dopamine D-2 receptor agonists; Autonomic nervous system; (Cat) (Eden, R.J. (175) 333)

Milrinone; Heart failure; Myocardial infarct; (Rat) (Schoemaker, R.G. (182) 527)

Hypotension; Chronotropic; Atria (Yang, M.C.M. (182) 537)

L-Arginine; EDRF (endothelium-derived relaxing factor); Septic shock (Thiemermann, C. (182) 591)

Ro31-6930; Cromakalim; Doppler flowmetry (pulsed); (Anaesthetised rat) (Duty, S. (185) 35)

Endothelin; Platelet aggregation; Prostacyclin; Fibrinolysis; Plasminogen activator (tissue); (Rabbit) (Lidbury, P.S. (186) 205)

Haemolysate
5-HT_1-like receptors; 5-HT_2 receptors; Cerebral artery; Endothelium (Gaw, A.J. (179) 35)

Haemorrhagic shock
RGH-2202; TRH (thyrotropin-releasing hormone); Arterial pressure (mean); Survival (Coppi, G. (182) 185)

HA-966 (1-hydroxy-3-amino-pyrrolidone-2)
Glycine; NMDA receptors; Enantiomers; Spermine (Pullan, L.M. (189) 237)

NMDA (N-methyl-D-aspartate); 7-Chlorokynurenic acid; Glycine; Spinal cord; Cortical wedge; (Electrophysiology) (Brugger, F. (191) 29)

Haloperidol
Manassantin A; Neuroleptics; *Saururus cernuus*; Tranquilizer (major) (Rao, K.V. (179) 367)

Brain (rat); σ Receptors; (+)-[^{3}H]SK&F-10,047 (McCann, D.J. (180) 361)

Neuroleptics (chronic); Clozapine; Raclopride; Tardive dyskinesia; (Rodent models) (See, R.E. (181) 175)

Dopamine; Dopamine autoreceptors; Substantia nigra; Amphetamine; Apomorphine; Antipsychotics; (Somatodendritic) (Piercey, M.F. (182) 219)

Stereotypic behavior; Dopamine receptors; Clozapine; Thioridazine; Chlorpromazine (Carvey, P.M. (184) 43)

Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Clozapine; Ritanserin; Neuroleptics (Lappalainen, J. (190) 403)

Haloperidol (chronic)
Clozapine (chronic); Dopamine release and metabolism; Microdialysis (Ichikawa, J. (176) 371)

Dopamine; DOPAC (3,4-dihydroxyphenylacetic acid); Striatum; (Endogenous release); (Ex vivo study) (Umeda, Y. (191) 149)

Haloperidol (intermittent)
Tardive dyskinesia; Oral dyskinesia; Zuclopenthixol (intermittent); Sensitization (pharmacological); Drug holidays (rat); (Animal models) (Glenthøj, B. (190) 275)

Haloperidol metabolites
σ Receptors; Dopamine D-2 receptors; Movement disorders; Phosphoinositide turnover; Muscarinic acetylcholine receptors (Bowen, W.D. (177) 111)

Halothane
Acetylcholine; Isoflurane; Anesthesia mechanisms; Voltage clamp technique (Sokoll, M.D. (173) 27)

Morphine; Contractility; Opioid receptors; Naloxone (Laorden, M.L. (175) 285)

Anesthetics (volatile); Dopamine receptors; Dopamine D_2 receptors; Parkinson's disease (Segal, I.S. (186) 9)

Handling
Elevated plus-maze; Anxiety; Habituation; Diazepam; (Rat) (Brett, R.R. (178) 135)

[^{14}C]GABA release; [^{14}C]GABA uptake; GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Stress; Benzodiazepines (File, S.E. (190) 229)

HCO_3^- secretion (electrogenic)
[Met^5]enkephalin; Na^+ absorption; Prostaglandin E_1 (Wehner, F. (178) 333)

Head-twitch
DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Tolerance; (Acute); (Chronic) (Darmani, N.A. (186) 115)

Heart
Nebivolol; Propranolol; Phentolamine; Adrenoceptors; Arterioles; (Rat) (Loots, W. (179) 177)

Himbacine; Allosteric interaction; Muscarinic receptors; Cardioselective agents (Lee, N.H. (179) 225)

Sensory nerves; Opioid receptors; DAGO ([D-Ala^2,N-MePhe^4,Gly^5-ol]enkephalin); DADLE ([D-Ala^2,D-Leu^5]enkephalin) (Mantelli, L. (180) 325)

Phorbol ester; Protein kinase C; Choline; Phosphatidylcholine; Striatum (Sandmann, J. (188) 89)

Bronchoconstriction; Endothelin; Lung; Endothelin receptors; Vasoconstriction (Hemsén, A. (191) 319)

Heart (dog)
Ventricle (left); Atrium (right); Sinoatrial (SA) node; Vagus nerve; Vasoactive intestinal peptide (VIP) (Karasawa, Y. (187) 9)

Heart failure
Milrinone; Hemodynamics; Myocardial infarct; (Rat) (Schoemaker, R.G. (182) 527)

Heart (guinea pig, isolated)
BAEE (Nα-Benzoyl L-arginine ethyl ester); EDRF (endothelium-dependent relaxing factor) (Thomas, G. (178) 251)

Heart (guinea-pig, working)
Ischaemia (global); Mitochondrial calcium; Nifedipine; Mioflazine (Hugtenburg, J.G. (178) 71)

Heart (isolated)
β-Adrenoceptor antagonists; Ischemia reperfusion; Mitochondrial function (Lu, H.R. (184) 65)

Heart (rat)
Phosphoinositide (PI) hydrolysis; Endothelins; Sarafotoxins; Aging; (Receptor) (Galron, R. (188) 85)

Reperfusion; Arrhythmias; Myocardial Na^{2+}; Myocardial K^+; Myocardial Ca^{2+}; Myocardial Mg^{2+} (Tosaki, A. (191) 69)

Heart rate
Neurotensin; Neurotensin analogues; Blood pressure; Aorta (rat) (Di Paola, E.D. (175) 279)

Stress (emotional); Bradycardia; Immobility; Anxiolytics; Diazepam; Ipsapirone (TVX Q 7821) (Korte, S.M. (179) 393)

GABA (γ-aminobutyric acid); Vagus; Vasopressin; Picrotoxin; Blood pressure (Wible, Jr., J.H. (181) 215)

l-Nebivolol; d-Nebivolol; Spontaneously hypertensive rats (SHR); Arterial blood pressure (Xhonneux, R. (181) 261)

Ipsapirone; Defensive burying; Anxiety; (Rat) (Korte, S.M. (181) 307)

Blood pressure; Ca^{2+} channel blockers; Carbon monoxide; Cardiac hypertrophy; Polycythemia; Spontaneously hypertensive rat (SHR); Verapamil (Penney, D.G. (182) 29)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Blood pressure; 5-HT_{1A} receptors; Cardiac vagal tone; Sympathetic outflow (central); (Anaesthetised rabbit) (Shepheard, S.L. (186) 267)

[^{125}I]HEAT ([^{125}I]BE 2254)
α_1-Adrenoceptor subtypes; Hippocampus; (Guinea-pig); (Calf); (Human); (Pig) (Hoyer, D. (188) 9)

α-Helical-CRF
CRF (corticotropin-releasing factor); Respiration; Brainstem; Respiratory centres; Pneumotaxic centre (Böhmer, G. (182) 405)

Henle's loop (thick ascending limb of)
Aminoglycosides; Adenosine 3′,5′-cyclic monophosphate; [Arg^8]vasopressin (AVP); Collecting tubule (Kidwell, D. (191) 489)

Heparin
Inositol 1,4,5-trisphosphate; Receptor heterogeneity; Cerebellum; Adrenal cortex (Willcocks, A.L. (189) 185)

Hexahydro-procyclidine
Muscarinic M_1 receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Hexamethonium
Bronchoconstriction; Capsaicin; Propranolol; Neuropeptides (sensory); Vagal stimulation (Del Monte, M. (180) 239)

Prazosin; Rauwolscine; α-Adrenoceptor antagonists; Venous tone; Circulatory filling pressure (mean) (D'Oyley, H.M. (182) 283)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors; Adrenaline; Glycemia; Corticosterone; Ganglionic blockade (Chaouloff, F. (185) 11)

β-Adrenoceptors; Circulatory filling pressure (mean); Venous compliance; Ganglionic blockers (Abdelrahman, A. (190) 321)

HI 6
Acetylcholine esterase reactivators; Diaphragm; HLö 7; Obidoxime; Pralidoxime (Alberts, P. (184) 191)

5-HIAA (5-hydroxyindoleacetic acid)
[^{14}C]GABA release; [^{14}C]GABA uptake; GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); Stress; Handling; Benzodiazepines (File, S.E. (190) 229)

Himbacine
Allosteric interaction; Muscarinic receptors; Heart; Cardioselective agents (Lee, N.H. (179) 225)

Muscarinic receptor antagonists (cardioselective) (Darroch, S.A. (182) 131)

Hind-paw edema
Mast cell degranulation; Phospholipase A_2 (acidic and basic venom); Histidine-modified phospholipase A_2 (Teng, J.-P.W.C.-M. (190) 347)

Hippocampal slices
5-HT (5-hydroxytryptamine, serotonin); BAPTA (1,2-bis(o-aminophenoxy)ethane-N,N,N,N-tetraacetic acid; Ca^{2+} (Segal, M. (181) 299)

cis-2,4-Methanoglutamate; L-Glutamate; NMDA (N-methyl-D-aspartate); Oocytes; (Radioligand binding) (Lanthorn, T.H. (182) 397)

Hippocampal slices (rat)
Glycine; [^{3}H]Noradrenaline release; Strychnine-sensitive receptors; Hippocampal synaptosomes (rat); Serine (Raiteri, M. (184) 239)

Hippocampal synaptosomes (rat)
Glycine; [^{3}H]Noradrenaline release; Strychnine-sensitive receptors; Hippocampal slices (rat); Serine (Raiteri, M. (184) 239)

Hippocampus
ω-Conotoxin; Ca^{2+} channels; Presynaptic mechanism; Acetylcholine; GABA; Intracellular recording; (Slice) (Dutar, P. (174) 261)

Adenylate cyclase; Ca^{2+}; Cerebral cortex; 5-HT receptors (Mørk, A. (175) 237)

Ethanol; Desipramine; β-Adrenoceptors; Down-regulation; Frontal cortex (Turkka, J. (177) 171)

4-Aminopyridine; Dihydropyridines; Ca^{2+}; Limbic seizures; Wet-dog shakes (Fragoso-Veloz, J. (178) 275)

Noradrenaline; Nicotine; Locus coeruleus; Hypothalamus (Mitchell, S.N. (179) 383)

Hybridization (in situ); Plasticity; K^+ channels (Séquier, J.-M. (180) 179)

Forskolin; 1,9-Dideoxy-forskolin; Adenylate cyclase; Acetylcholine release; (Rabbit) (Allgaier, C. (181) 279)

Long-term potentiation; Interleukin-1β; Lys-D-Pro-Thr; (In vitro) (Katsuki, H. (181) 323)

Electrophysiology; CGP 37849; CGP 39551; AP5; Substantia nigra; Spinal cord; NMDA receptor competitive antagonists; (Rat) (Pozza, M.F. (182) 91)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; BRL 24924 (Chaput, Y. (182) 441)

Nicotine; Progesterone metabolites; Paired pulses; GABA (γ-aminobutyric acid); (Seizure) (Luntz-Leybman, V. (185) 239)

Afterhyperpolarization; trans-ACPD (trans-1-aminocyclopentyl-1,3-dicarboxylate); Phorbol ester; Pertussis toxin; (Intracellular recording) (Stratton, K.R. (186) 357)

Baclofen; $GABA_B$ receptor antagonists; CGP 35348; $GABA_B$ receptors; GABA (γ-aminobutyric acid); Spinal cord; (Rat) (Olpe, H.-R. (187) 27)

$GABA_A$ receptors; Cl^- currents; Cortex; Ethanol; (Neuron) (Aguayo, L.G. (187) 127)

α_1-Adrenoceptor subtypes; [^{125}I]HEAT ([^{125}I]BE 2254); (Guinea-pig); (Calf); (Human); (Pig) (Hoyer, D. (188) 9)

Glutamate receptors; In situ hybridization; Kainic acid; *Xenopus* oocyte (Gall, C. (189) 217)

Hippocampus (dorsal)
NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; σ Receptors (Monnet, F.P. (179) 441)

Hippocampus (rat)
Aspartic acid release; Muscarinic M_2 receptors; Synaptosomes (superfused); AF-DX 116 (Raiteri, M. (177) 181)

NMDA (N-methyl-D-aspartate); Noradrenaline release; Synaptosomes (superfused); Glycine (Pittaluga, A. (191) 231)

Histamine
Alveolar macrophages; cAMP; Adenylate cyclase; Inflammatory mediators; β-Adrenoceptor agonists (Beusenberg, F.D. (174) 33)

Capsaicin; Substance P; Methacholine; Vagal stimulation; Airway responsiveness (Biggs, D.F. (175) 29)

Epithelium-derived relaxing factor (EpDRF); Trachealis (canine); Airway mucosa; Acetylcholine (Manning, P.J. (178) 85)

Antihistamines (non-sedating); Bronchospasm; (Histamine-induced bronchospasm, i.v. and i.c.v.) (Mauser, P.J. (182) 125)

Histamine H_3 receptors; (R)-α-Methylhistamine; Thioperamide; Monoamines; 5-HT (5-hydroxytryptamine, serotonin) (Oishi, R. (184) 135)

Sennosides; Rhein; Rheinanthrone; Colon (rat) (Autore, G. (191) 97)

Histamine H_1 receptor agonists
Capsaicin; Histamine H_2 receptor agonists; Gastric acid secretion; Vagus (Yoneda, M. (186) 349)

Histamine H_2 receptor agonists
Capsaicin; Histamine H_1 receptor agonists; Gastric acid secretion; Vagus (Yoneda, M. (186) 349)

Histamine H_2 receptor antagonists
IT-066; Gastric mucosal cell; [^{14}C]Aminopyrine accumulation (Isobe, Y. (178) 343)

Histamine receptors
Desensitization; Phosphoinositide hydrolysis; Protein kinase C (Cowlen, M.S. (188) 105)

Histamine H_1 receptors
Astrocyte; [^{3}H]Mepyramine binding assay; (Rat) (Inagaki, N. (173) 43)

Ebselen; Parenchymal lung strip; KCl depolarisation; (Guinea-pig) (Leurs, R. (179) 193)

Histamine H_3 receptors
(R)-α-Methylhistamine; Thioperamide; Histamine; Monoamines; 5-HT (5-hydroxytryptamine, serotonin) (Oishi, R. (184) 135)

Electrical field stimulation; Ileum (guinea-pig); (In vitro assay) (Menkveld, G.J. (186) 343)

[^{3}H](R)α-Methylhistamine; Guanine nucleotides; Ca^{2+} (Arrang, J.-M. (188) 219)

Histamine release
Ro19-3704; Leukotriene release; RBL 2H3 cells; Mast cells; Phospholipase A_2; Phospholipase C (Gilfillan, A.M. (176) 255)

Histidine-modified phospholipase A_2
Hind-paw edema; Mast cell degranulation; Phospholipase A_2 (acidic and basic venom) (Teng, J.-P.W.C.-M. (190) 347)

Histology
Muscle damage; Dantrolene sodium; Exercise; Creatine kinase; Isoenzymes; Ca^{2+}; Sarcoplasmic reticulum (Amelink, G.J.H. (179) 187)

H^+/K^+-ATPase
Parietal cells; Omeprazole; Hoe 731; S 4216 (Beil, W. (187) 455)

HL-60 cells
Li^+; Na^+/H^+ exchange; Phorbol ester; Phosphoinositides (Bitran, J.A. (188) 193)

HLö 7
Acetylcholine esterase reactivators; Diaphragm; HI 6; Obidoxime; Pralidoxime (Alberts, P. (184) 191)

Hoe 731
H^+/K^+-ATPase; Parietal cells; Omeprazole; S 4216 (Beil, W. (187) 455)

Hot-plate response
[Met^5]enkephalin antibody; β-Endorphin; Morphine; Analgesia; Antinociception; Tail-flick response (Tseng, L.L.F. (173) 171)

Hot-plate test
Analgesia; Tail-flick test; Writhing test; Naloxone blockade (Domer, F. (177) 127)

Dopamine receptor agonists; Dopamine D_2 receptors; Antinociception; Enkephalins (endogenous); (Mouse) (Michael-Titus, A. (187) 201)

5-HT antagonists
Benzamides (zacopride); Emesis; (Ferret); (Oral) (Sancilio, L.F. (181) 303)

5-HT autoreceptors
Antidepressants; 5-HT release; Citalopram; Milnacipran (Moret, C. (180) 351)

5-HT$_3$ binding sites
(S-)[^{3}H]Zacopride; Sodium cholate; $(NH_4)_2SO_4$; (Solubilization) (Gordon, J.C. (188) 313)

5-HT (5-hydroxytryptamine, serotonin)
Imipramine; Desipramine; Lithium; Pharmacokinetics (cerebral); Norepinephrine (Yoshida, T. (173) 143)

5-Carboxyamidotryptamine; Cerebral arteries; GR 43175; 5-HT receptors; Migraine; 5-HT$_1$-like receptors (Parsons, A.A. (174) 189)

Norepinephrine; Nociception; Dialysis (in vivo); Raphe nuclei (Bowker, R.M. (175) 101)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; Purkinje cells; Cerebellar; (In vitro) (Darrow, E.J. (175) 145)

Spinal cord injury; NMDA receptor antagonists; Excitotoxins (Faden, A.I. (175) 165)

Pulmonary hypertension; Endothelin; Pulmonary artery (rat); Monocrotaline (Wanstall, J.C. (176) 159)

5-HT$_2$ receptors; 5-HT$_3$ receptors; Ketanserin; Mammary artery (human) (Conti, A. (176) 207)

MDMA (3,4-methylenedioxymethamphetamine); Synaptosomes; (Rat) (Hekmatpanah, C.R. (177) 95)

Trazodone; m-CPP (m-chlorophenylpiperazine); Antidepressants (atypical); DRL 72-s schedule (Li, A.A. (177) 137)

Uptake inhibitors; Noradrenaline; Dopamine; Aversion; Periaqueductal gray (Jenck, F. (177) 201)

8-OH-DPAT(8-hydroxy-(di-n-propylamino)tetralin; 5-HT$_{1A}$ receptor agonists; Antidepressants; Electrical stimulation (Beer, M. (178) 179)

5-Carboxyamidotryptamine; α-Methyl 5-HT; 2-Methyl 5-HT; Ca^{2+}-dependent plateau; Dorsal root ganglion; (Action potential) (Scroggs, R.S. (178) 229)

Smooth muscle (vascular); Tail artery; Fura 2-Ca^{2+} signal; Norepinephrine; Ca^{2+}; (Rat) (Thorin-Trescases, N. (179) 469)

Thyrotropin; Prolactin; 5-HT receptors; (Rat) (Toivonen, M. (180) 91)

Basal ganglia; Dopamine; Dynorphin A; 4-Methylaminorex; Neurotensin; Tryptophan hydroxylase; (Drug abuse) (Bunker, C.F. (180) 103)

MDMA (methylenedioxymethamphetamine); Dopamine neurotoxicity (Schmidt, C.J. (181) 59)

Benzamides; Cisapride; BRL 24924; Ileum (guinea-pig) (Van den Brink, H.W. (181) 119)

Tremors; Carbaryl; Dopamine (Kumar Ray, S. (181) 159)

Actylcholine; Pulmonary vascular response; Medulla oblongata (median area); Endorphine; Sympathoinhibition center (Ni, H. (181) 167)

Hippocampal slices; BAPTA (1,2-bis(o-aminophenoxy)ethane-N,N,N,N-tetraacetic acid; Ca^{2+} (Segal, M. (181) 299)

5-HT receptors; Hippocampus; BRL 24924 (Chaput, Y. (182) 441)

cAMP; Intestinal secretion; Phorbol ester; Prostaglandins (Beubler, E. (182) 543)

Histamine H$_3$ receptors; (R)-α-Methylhistamine; Thioperamide; Histamine; Monoamines (Oishi, R. (184) 135)

d-Fenfluramine; Zimelidine; Brofaromine; Dorsal raphe; Food intake (Fletcher, P.J. (184) 265)

Angiotensin II; Saralasin; Depolarisation; Temperature sensitivity; Nodose ganglion; (Rat) (Widdop, R.E. (185) 107)

Endothelin; Vasospasm; Arterial hypersensitivity; Endothelium (Macke Consigny, P. (186) 239)

Endothelium; Coronary artery; (Rat) (Berg Nyborg, N.C. (186) 295)

Quipazine; Nucleus tractus solitarii; Autoradiography (receptor); Anti-emetic activity; 5-HT$_3$ receptors (Perry, D.C. (187) 75)

Atherosclerosis; Neo-intima; Hyperreactivity; (Rabbit) (De Meyer, G.R.Y. (187) 519)

RU 24969 (5-methoxy-3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-indole); TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine) (Auerbach, S.B. (190) 51)

Arteriovenous anastomoses; Blood flow (carotid); 5-HT_1-like receptors; Indorenate; Migraine (Villalón, C.M. (190) 167)

[^{14}C]GABA release; [^{14}C]GABA uptake; GABA (γ-aminobutyric acid); 5-HIAA (5-hydroxyindoleacetic acid); Stress; Handling; Benzodiazepines (File, S.E. (190) 229)

Dopamine; Clozapine; Haloperidol; Ritanserin; Neuroleptics (Lappalainen, J. (190) 403)

5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; ICI 169,369; Ritanserin; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); Tail-flicks (spontaneous); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Bervoets, K. (191) 185)

MDMA (3,4-methylenedioxymethamphetamine); Monoamine release; Brain slices (rat, superfused); Noradrenaline; Dopamine (Fitzgerald, J.L. (191) 217)

5-HT receptors; Ketanserin; Methiothepin; Saphenous vein; (Rabbit) (Van Heuven-Nolsen, D. (191) 375)

5-HT_1-like receptors
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; Cerebral arteries; GR 43175; 5-HT receptors; Migraine (Parsons, A.A. (174) 189)

5-HT_2 receptors; Cerebral artery; Haemolysate; Endothelium (Gaw, A.J. (179) 35)

Arteriovenous anastomoses; Blood flow (carotid); 5-HT (5-hydroxytryptamine, serotonin); Indorenate; Migraine (Villalón, C.M. (190) 167)

5-HT-mediated behaviour
BMY 7378; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; 5-HT_{1A} receptors; Microdialysis; 5-HT release (Sharp, T. (176) 331)

5-HT neurotoxicity
p-Chloroamphetamine; 1-(4-Chlorophenyl)-2-aminobutane (CAB); Drug discrimination; Microdialysis in vivo; Uptake inhibition (Johnson, M.P. (191) 1)

5-HT organelles
Blood platelets; Carrier protein; [^{3}H]Dihydrotetrabenazine binding; [^{125}I]Azidoiodoketanserin photolabelling (Cesura, A.M. (186) 95)

5-HT precursors
Melatonin; N-Acetylserotonin; Indole metabolism; Pineal gland; N-Acetyltransferase (Ferretti, C. (187) 345)

5-HT receptor agonists
DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Blood pressure; Renin activity (plasma); Blood flow (renal); Sympathetic nervous system (Alper, R.H. (175) 323)

Emesis; 5-HT_1 receptor subtypes; 5-HT receptor antagonists; (Cat) (Lucot, J.B. (180) 193)

5-HT receptor subtypes; 5-HT receptor antagonists; (Receptor binding profiles); (Selectivity) (Van Wijngaarden, I. (188) 301)

5-HT receptor antagonists
Emesis; 5-HT_1 receptor subtypes; 5-HT receptor agonists; (Cat) (Lucot, J.B. (180) 193)

5-HT receptor subtypes; 5-HT receptor agonists; (Receptor binding profiles); (Selectivity) (Van Wijngaarden, I. (188) 301)

5-HT receptor subtypes
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; mCPP (1-(3-chlorophenyl)piperazine); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Mouthing (Frambes, N.A. (182) 9)

5-HT receptor agonists; 5-HT receptor antagonists; (Receptor binding profiles); (Selectivity) (Van Wijngaarden, I. (188) 301)

5-HT receptors
Adenylate cyclase; MDL 73005EF (Cornfield, L.J. (173) 189)

5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; Cerebral arteries; GR 43175; Migraine; 5-HT_1-like receptors (Parsons, A.A. (174) 189)

Adenylate cyclase; Ca^{2+}; Hippocampus; Cerebral cortex (Mørk, A. (175) 237)

Thyrotropin; Prolactin; 5-Hydroxytryptamine (5-HT, serotonin); (Rat) (Toivonen, M. (180) 91)

Tryptamine; Insulin release; (Mouse) (Yamada, J. (181) 319)

5-HT (5-hydroxytryptamine, serotonin); Hippocampus; BRL 24924 (Chaput, Y. (182) 441)

Umbilical vein (ovine); Dissociation constant (Zhang, L. (184) 281)

Gastric motility; Dopamine receptors; Fenoldopam; Quinpirole (Lefebvre, R.A. (185) 69)

Gastrointestinal motility; Prokinetic activity; Benzamide derivatives (Schiavone, A. (187) 323)

5-HT (5-hydroxytryptamine, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; ICI 169,369; Ritanserin; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); Tail-flicks (spontaneous); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Bervoets, K. (191) 185)

5-HT (5-hydroxytryptamine, serotonin); Ketanserin; Methiothepin; Saphenous vein; (Rabbit) (Van Heuven-Nolsen, D. (191) 375)

5-HT receptors (central)
Digastricus muscle (anterior); α-Adrenoceptors (central); (In vivo pharmacological test) (Rawlow, A. (191) 263)

[^{3}H]5-HT release
PmP (1-(2-pyrimidinyl)piperazine); α_2-Adrenoceptors; [^{3}H]Noradrenaline release; Synaptosomes (Gobbi, M. (180) 183)

5-HT release
Neurokinin A; Neurokinin B; Senktide; Substance P; Spinal cord slices (ventral) (Franck, J. (174) 85)

BMY 7378; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; 5-HT_{1A} receptors; Microdialysis; 5-HT-mediated behaviour (Sharp, T. (176) 331)

5-HT autoreceptors; Antidepressants; Citalopram; Milnacipran (Moret, C. (180) 351)

Dihydropyridines; ω-Conotoxin; Ca^{2+} channels (voltage-dependent); Synaptosomes; Spinal cord (Gandhi, V.C. (187) 271)

MDL 73005EF (8-[2-(2,3-dihydro-1,4-benzodioxin-2-yl)methylamino]-8-azaspiro[4,5]decan-7,9-dione methyl sulphonate); 5-HT_{1A} receptors; ACTH (adrenocorticotropin); Microdialysis (brain, in vivo); Radioimmunoassay (Gartside, S.E. (191) 391)

5-HT transport complex
[^{3}H]Paroxetine; [^{3}H]Citalopram; Receptor modulation; Brain (rat) (Plenge, P. (189) 129)

5-HT transporter
Imipramine binding; Verapamil; Platelets (Cohen, A. (181) 311)

5-HT uptake
[^{3}H]6-Nitroquipazine; Brain (rat) (Hashimoto, K. (180) 273)

[^{3}H]Imipramine binding; Depression; Endacoids; Zinc chelates (Artigas, F. (181) 9)

[^{3}H]6-Nitroquipazine; Platelets (human) (Hashimoto, K. (187) 295)

5-HT uptake inhibitors
Tryptophan hydroxylase; MDMA (3,4-methylenedioxymethamphetamine) (Schmidt, C.J. (181) 133)

5-HT_1 receptors
Immobilization (chronic); 5-MeODMT (5-methoxy-N,N-dimethyltryptamine); Naloxone; Morphine; β-Endorphin; (Adaptive change) (Cancela, L. (176) 313)

Eltoprazine; Aggression (offensive); Autoradiography (Sijbesma, H. (177) 55)

Cough reflex; κ Opioid receptors; U-50,488H; U-62,066E; Antitussives (Kamei, J. (187) 281)

5-HT_1 receptors (central)
D-Fenfluramine; Runway performance; Food intake (Neill, J.C. (190) 105)

5-HT_1 receptor subtypes
Emesis; 5-HT receptor antagonists; 5-HT receptor agonists; (Cat) (Lucot, J.B. (180) 193)

Eltoprazine; Guanine nucleotides; Aggression (offensive); Autoradiography (quantitative) (Sijbesma, H. (187) 209)

5-HT_{1A} receptor agonists
8-OH-DPAT(8-hydroxy-(di-n-propylamino)tetralin; Antidepressants; Electrical stimulation; 5-Hydroxytryptamine (5-HT, serotonin) (Beer, M. (178) 179)

SK&F 38393; Vacillatory behavior; Spontaneous alternation; Chlomipramine (Whitaker-Azmitia, P.M. (180) 305)

MDL 72832; Analgesia (defeat); Nociception (basal); (Stereospecificity); (Mouse) (Rodgers, R.J. (182) 581)

5-HT_{1A} receptors
Locomotion; β-Adrenoceptor agonists (Kalkman, H.O. (173) 121)

BMY 7378; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Microdialysis; 5-HT-mediated behaviour; 5-HT release (Sharp, T. (176) 331)

Buspirone; Ipsapirone; Adrenaline; Glycemia (Chaouloff, F. (177) 107)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Behaviour; (Monkey) (Mizuta, E. (178) 125)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Adrenaline; Glycemia; Pentobarbital anaesthesia (Chaouloff, F. (180) 175)

Flesinoxan; Cardiovascular responses; (Rat) (Dreteler, G.H. (180) 339)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); BP-554; Corticosterone; ACTH; Hypothermia (Matsuda, T. (181) 295)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Flesinoxan; Dorsal raphe nucleus; Hypotension; Bradycardia; (Conscious rat) (Connor, H.E. (182) 63)

Morphine; Tolerance-dependence; Abstinence; Brain regions; Spinal cord; Hypothermia; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin (Gulati, A. (182) 253)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Adrenaline; Glycemia; Corticosterone; Hexamethonium; Ganglionic blockade (Chaouloff, F. (185) 11)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Blood pressure; Heart rate; Cardiac vagal tone; Sympathetic outflow (central); (Anaesthetised rabbit) (Shepheard, S.L. (186) 267)

Lower lip retraction; Defecation; (Rat); (Functional agonism); (Antagonism) (Berendsen, H.H.G. (187) 97)

CRF (corticotropin-releasing factor); 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; (Neuroendocrine) (Owens, M.J. (190) 113)

Locomotion; α-Adrenoceptor antagonists; β-Adrenoceptor antagonists; Dopamine receptors (Kalkman, H.O. (191) 383)

MDL 73005EF (8-[2-(2,3-dihydro-1,4-benzodioxin-2-yl)methylamino]-8-azaspiro[4.5]decan-7,9-dione methyl sulphonate); 5-HT release; ACTH (adrenocorticotropin); Microdialysis (brain, in vivo); Radioimmunoassay (Gartside, S.E. (191) 391)

5-HT_{1B} receptors
Antidepressant drugs; (Chronic versus acute treatments) (Frances, H. (179) 173)

5-HT_{1C} receptors
DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_2 receptors; Glycemia; Insulin release; Sympathoadrenal system (Chaouloff, F. (187) 435)

[^{3}H]Mesulergine; [^{3}H]Ketanserin; 5-HT_2 receptors; Clozapine (Canton, H. (191) 93)

5-HT_2 receptor antagonists
Prolactin; ACTH; 5-HT_2 receptor subtypes; 5-Hydroxy-L-tryptophan (5-HTP); (Rat) (Gartside, S.E. (179) 103)

5-HT_2 receptors
Flexor reflex; l-5-HTP (l-5-hydroxytryptophan); Quipazine; (±)-DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Skarsfeldt, T. (176) 135)

5-Hydroxytryptamine (5-HT, serotonin); 5-HT_3 receptors; Ketanserin; Mammary artery (human) (Conti, A. (176) 207)

Wet-dog shakes; 5-Hydroxytryptophan (5-HTP); Tryptophan; (Receptor regulation) (Koshikawa, N. (178) 365)

5-HT_1-like receptors; Cerebral artery; Haemolysate; Endothelium (Gaw, A.J. (179) 35)

ICI 169,369; (In vivo) (Blackburn, T.P. (180) 229)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_{1C} receptors; Glycemia; Insulin release; Sympathoadrenal system (Chaouloff, F. (187) 435)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Renal vasodilatation; Diuretic action (Shoji, T. (190) 247)

[^{3}H]Mesulergine; [^{3}H]Ketanserin; 5-HT_{1C} receptors; Clozapine (Canton, H. (191) 93)

5-HT_2 receptors (peripheral)
Quipazine; Bezold-Jarish reflex; 5-HT_3 receptors; Hypertension (Vayssettes-Courchay, C. (184) 75)

5-HT_2 receptor subtypes
Prolactin; ACTH; 5-HT_2 receptor antagonists; 5-Hydroxy-L-tryptophan (5-HTP); (Rat) (Gartside, S.E. (179) 103)

5-HT_3 receptor agonists
5-HT_3 receptors; MCPBG (1-(m-chlorophenyl)-biguanide); 2-Methyl 5-HT; Phenylbiguanide (Kilpatrick, G.J. (182) 193)

5-HT_3 receptor antagonists
Cocaine; Locomotion; (Mouse) (Reith, M.E.A. (186) 327)

Morphine-induced Straub tail; κ-Opioid receptor agonists (Hasegawa, Y. (190) 399)

5-HT_3 receptors
2-Methylserotonin; Cortex (medial prefrontal); (Microiontophoresis) (Ashby, Jr., C.R. (173) 193)

Emesis; Autoradiography; Medulla oblongata (Reynolds, D.J.M. (174) 127)

Dopamine; BRL 43694 (Ashby Jr., C.R. (175) 347)

5-Hydroxytryptamine (5-HT, serotonin); 5-HT_2 receptors; Ketanserin; Mammary artery (human) (Conti, A. (176) 207)

Antinociception; U-50,488H; Tail-flick assay; (Mouse) (Ho, B.Y. (178) 371)

Benzamides; Zacopride; Stereoisomers; Intestine (small); Vagus nerve; (Human) (Pinkus, L.M. (179) 231)

[^{3}H]Zacopride; Autoradiography; Brain (rat); Limbic system; Anxiety (Waeber, C. (181) 283)

5-HT_3 receptor agonists; MCPBG (1-(m-chlorophenyl)-biguanide); 2-Methyl 5-HT; Phenylbiguanide (Kilpatrick, G.J. (182) 193)

Quipazine; Bezold-Jarish reflex; 5-HT_2 receptors (peripheral); Hypertension (Vayssettes-Courchay, C. (184) 75)

Benzodiazepines; Dependence; Withdrawal; Ondansetron (GR38032F); (Rat) (Goudie, A.J. (185) 179)

Quipazine; Nucleus tractus solitarii; Autoradiography (receptor); Anti-emetic activity; 5-HT (5-hydroxytryptamine, serotonin) (Perry, D.C. (187) 75)

Dopamine; Ethanol; Striatum; Nucleus accumbens; Microdialysis (Wozniak, K.M. (187) 287)

N1E-115 neuroblastoma cells; GR65630 (Lummis, S.C.R. (189) 223)

Radiation inactivation; N1E-115 neuroblastoma cells (Lummis, S.C.R. (189) 229)

Gastric emptying; Protein meals; Ondansetron (Forster, E.R. (191) 235)

5-HT_3 receptor sites
Clozapine; [^{3}H]Q ICS 205-930; Neuroleptics; Brain (rat); Superior cervical ganglion (rat) (Watling, K.J. (182) 465)

Huntington's chorea
Quinolinic acid; Gangliosides; Excitotoxicity; Choline acetyltransferase; L-Glutamic acid decarboxylase (Lombardi, G. (174) 123)

Hybridization (in situ)
Plasticity; Hippocampus; K^+ channels (Séquier, J.-M. (180) 179)

Galanin; Neuropeptide Y (NPY); mRNA; Gene regulation; Locus coeruleus (Gundlach, A.L. (184) 163)

Tyrosine hydroxylase; Dopamine D-1 receptors; Caudate nucleus; Nucleus accumbens; Substantia nigra (Schalling, M. (188) 277)

5-Hydroxydecanoate, sodium
RP52891; Glyburide; Myocardial ischemia; K^+ channel activators (Grover, G.J. (191) 11)

6-Hydroxydopamine (6-OHDA)
Dopamine; Dopamine D_1 receptors; Adenylate cyclase (Morelli, M. (180) 365)

5-Hydroxytryptophan (5-HTP)
Flexor reflex; Quipazine; 5-HT_2 receptors; (±)-DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Skarsfeldt, T. (176) 135)

Wet-dog shakes; Tryptophan; 5-HT_2 receptors; (Receptor regulation) (Koshikawa, N. (178) 365)

Prolactin; ACTH; 5-HT_2 receptor antagonists; 5-HT_2 receptor subtypes; (Rat) (Gartside, S.E. (179) 103)

Hypercalcemia
Spontaneously hypertensive rats, stroke prone (SHR/SP); Blood pressure; Parathyroid hormone (Neuser, D. (182) 569)

Hypercalcemia of malignancy factor
Kidney (isolated, perfused); Renal cortex microvessel; Vasodilatation; Adenylate cyclase; Parathyroid hormone (Musso, M.-J. (174) 139)

Hypercholesterolemia
Fibrates; Beclobrate; Lipoprotein, β-very low density (β-VLDL), receptors; Lipoproteins, high density (HDL); Apolipoprotein E; (Rat) (Manzoni, C. (190) 39)

EDRF (release of); Endothelium-dependent relaxation; ANF (atrial natriuretic factor); Nitric oxide (NO); Atherosclerosis (experimental) (Verbeuren, T.J. (191) 173)

Hyperpolarization
Cromakalim; Aorta (rat) (Doggrell, S.A. (174) 131)

Domperidone; Dopamine; Salivary gland; (Cockroach) (Evans, A.M. (191) 465)

Hyperreactivity
Atherosclerosis; Neo-intima; 5-HT (5-hydroxytryptamine, serotonin); (Rabbit) (De Meyer, G.R.Y. (187) 519)

Hypertension
Endothelin; Bronchoconstriction; Propranolol (Touvay, C. (176) 23)

Endothelin; Sarafotoxin; Norepinephrine release; Neurotransmission; Mesenteric vascular bed (Han, S.-P. (177) 29)

Endothelin-1; Brain; Ventricle (Gu, X.-H. (177) 205)

Neuropeptide Y (NPY); Hypotension; NPY receptors; Tachyphylaxis (Grundemar, L. (179) 83)

Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); Hypothalamus; Norepinephrine release; Neuropeptide Y (NPY) (Tsuda, K. (182) 175)

Quipazine; Bezold-Jarish reflex; 5-HT_3 receptors; 5-HT_2 receptors (peripheral) (Vayssettes-Courchay, C. (184) 75)

Hypertensive effects
Endothelin-1; Big endothelin-1; Phosphoramidon; Metalloproteinase; (Conversion) (Matsumura, Y. (185) 103)

Hyperthermia
Morphine; Analgesia; Tolerance; MR 2266; MR 2267; κ Opiate receptor antagonists; (Stereospecificity) (Bhargava, H.N. (173) 159)

Hypophysectomy
Sauvagine; CRF (corticotropin-releasing factor); Vagotomy; Adrenalectomy; Corticosterone; Gastric emptying (Broccardo, M. (182) 357)

Hypotension
Neuropeptide Y (NPY); Hypertension; NPY receptors; Tachyphylaxis (Grundemar, L. (179) 83)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Flesinoxan; Dorsal raphe nucleus; Bradycardia; 5-HT_{1A} receptors; (Conscious rat) (Connor, H.E. (182) 63)

Chronotropic; Hemodynamics; Atria (Yang, M.C.M. (182) 537)

Hypothalamo-pituitary-adrenal axis
Platelet-activating factor (PAF); Pro-opiomelanocortin; Pro-opiomelanocortin-related neuropeptides (Blasquez, C. (177) 145)

Hypothalamus
[^{125}I]Iodomelatonin binding sites; Melatonin receptors; Prazosin affinity; (Syrian hamster) (Pickering, D.S. (175) 71)

Noradrenaline; Nicotine; Locus coeruleus; Hippocampus (Mitchell, S.N. (179) 383)

β-Endorphin release; Ethanol (in vitro) (Gianoulakis, C. (180) 21)

Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); Norepinephrine release; Neuropeptide Y (NPY); Hypertension (Tsuda, K. (182) 175)

Neuropeptide Y (NPY); Cholecystokinin (CCK) peptides (Gourch, A. (187) 117)

GTP; G-proteins; [^{125}I]Iodomelatonin binding; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

Vasopressin mRNA (mouse); Chronic ethanol; Plasma osmolality; Vasopressin (plasma); In situ hybridization (Ishizawa, H. (189) 119)

Hypothalamus-pituitary-gonadal axis
β-Endorphin; Circadian rhythm; Acetyl-l-carnitine (Genazzani, A.R. (186) 177)

Hypothermia
Muscarinic receptors; Salivation; Central nervous system (CNS); Brain penetration; (Ex vivo binding) (Freedman, S.B. (174) 253)

Apomorphine; N-n-Propylnorapomorphine (NPA); Climbing behaviour; Dopamine D-1 receptors; Dopamine D-2 receptors (Moore, N.A. (178) 195)

5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); BP-554; Corticosterone; ACTH (Matsuda, T. (181) 295)

Morphine; Tolerance-dependence; Abstinence; 5-HT_{1A} receptors; Brain regions; Spinal cord; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin (Gulati, A. (182) 253)

Muscarinic receptor agonists; Muscarinic receptors; Salivation; Oxadiazoles; (Efficacy); (Central muscarinic activity); (Ex vivo binding) (Freedman, S.B. (187) 193)

Hypoxia
Adamantane derivatives; Dizocilpine; Cerebral ischemia; Neurons; (Rat) (Seif el Nasr, M. (185) 19)

ICI 169,369
5-HT_2 receptors; (In vivo) (Blackburn, T.P. (180) 229)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Ritanserin; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); Tail-flicks (spontaneous); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Bervoets, K. (191) 185)

ICI 174,864
Place conditioning; Opioid receptors; β-Endorphin; CTOP (D-Pen-Cys-Tyr-D-Trp-Orn-Thr-Pen-Thr-NH_2); (Reinforcement) (Bals-Kubik, R. (175) 63)

Opiate receptors; Stress; Blood pressure (high); Naloxone enantiomorphs; β-Funaltrexamine (Jiménez, I. (182) 155)

ICI 198,615
Leukotriene receptors; Ileum (guinea-pig); FPL 55712; SK&F 103944 (Gardiner, P.J. (182) 291)

ICS 205-930
Stress; Dopamine release; Mesocortical dopamine system; Mesolimbic dopamine system; Diazepam (Imperato, A. (175) 211)

Idazoxan
1-(2-Pyrimidinyl)piperazine (1-PP or PmP); Desipramine; Antidepressant activity; α_2-Adrenoceptors; Locus coeruleus (Cervo, L. (175) 301)

Vas deferens; N-Ethylmaleimide; Clonidine; 2-Chloroadenosine; FK 33-824; (mouse); (Stimulation parameters) (Kaschube, M. (178) 151)

α_2-Adrenoceptors; Plasma glucose; Insulin (immunoreactive); Glucose load; (Rat) (John, G.W. (187) 531)

[^{3}H]Idazoxan binding
[^{3}H]Yohimbine binding; Kidney; Brain; (Differential regulation); (Rabbit) (Yakubu, M.A. (176) 305)

Idebenone
Bifemelane; Vinpocetine; Ca^{2+} channels; Oocytes (*Xenopus*); Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Ifenprodil
Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Spermidine (Steele, J.E. (189) 195)

Cerebral ischemia; Baroreflex (vagal); Flunarizine (Kurihara, J. (190) 23)

Ileal motility
Piperine; Capsaicin; Calcitonin gene-related peptide (CGRP); Substance P; Ruthenium red; (Guinea-pig) (Takaki, M. (186) 71)

Ileocolonic junction (canine)
Non-adrenergic non-cholinergic (NANC) neurotransmission; Ileum (canine); Nitric oxide (NO) (Boeckxstaens, G.E. (190) 239)

Ileum
Capsaicin; CGRP (calcitonin gene-related peptide); Ruthenium red; (Ascending pathway); (Guinea-pig) (Jin, J.-G. (180) 13)

Small intestine (isolated); Jejunum; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal polypeptide (VIP); (Human) (Maggi, C.A. (185) 169)

Ileum (canine)
Non-adrenergic non-cholinergic (NANC) neurotransmission; Ileocolonic junction (canine); Nitric oxide (NO) (Boeckxstaens, G.E. (190) 239)

Ileum (cat isolated terminal)
GABA (γ-aminobutyric acid); Smooth muscle effect; Baclofen; $GABA_B$ receptors (Pencheva, N. (182) 199)

Ileum (guinea-pig)
Endothelin; Protein kinase C; Ca^{2+} channels; (Biphasic effects) (Lin, W.-W. (176) 57)

Opioid affinity; β-Chlornaltrexamine; Vas deferens (mouse) (Porreca, F. (179) 129)

Substance P; Acetylcholine; Smooth muscle cells; Membrane currents (Nakazawa, K. (179) 453)

cAMP; Opioids (Johnson, S.M. (180) 331)

Benzamides; Cisapride; BRL 24924; 5-HT (5-hydroxytryptamine, serotonin) (Van den Brink, H.W. (181) 119)

Leukotriene receptors; FPL 55712; ICI 198615; SK&F 103944 (Gardiner, P.J. (182) 291)

Leukotriene receptors; Leukotrienes (C_4, D_4, E_4, F_4); Lung (guinea-pig) (Norman, P. (182) 301)

Histamine H_3 receptor; Electrical field stimulation; (In vitro assay) (Menkveld, G.J. (186) 343)

Ileum (longitudinal)
4-DAMP (4-diphenylacetoxy-N-methyl-piperidine methiodide); Muscarinic receptor subtypes (Michel, A.D. (176) 197)

Ileum myenteric plexus (guinea-pig)
κ Opioid receptors; Circular muscle; Mucosa (Dissanayake, V.U.K. (182) 73)

Imidazole binding sites
[^{3}H]p-Aminoclonidine; Clonidine-displacing substance (CDS); Clonidine; (Radioligand binding) (Ernsberger, P. (174) 135)

Imidazoline
Vasopressin; Diuresis; Na^+ excretion (Blandford, D.E. (174) 181)

α_2-Adrenoceptors; Non-adrenergic sites; Fat cells (rabbit); Lipolysis (Langin, D. (188) 261)

Imidazoline receptors
α_2-Adrenoceptors; Efaroxan; Islets of Langerhans; Insulin secretion (Chan, S.L.F. (176) 97)

α_2-Adrenoceptors; Clonidine displacing substance (CDS) (Zonnenschein, R. (190) 203)

Imipramine
Desipramine; Lithium; Pharmacokinetics (cerebral); Norepinephrine; Serotonin (Yoshida, T. (173) 143)

Forced swimming test; Picrotoxin; Desipramine; $GABA_A$-benzodiazepine-Cl complex; Open field (Fernández-Teruel, A. (181) 35)

Imipramine binding
Verapamil; Platelets; 5-HT transporter (Cohen, A. (181) 311)

Chemical modification; Structure model (Fomenko, A.M. (189) 175)

[^{3}H]Imipramine binding
Depression; Endacoids; 5-HT uptake; Zinc chelates (Artigas, F. (181) 9)

[^{3}H]Imipramine binding sites
Castration; Gonadotropin-releasing hormone (GnRH); Depression; Tail suspension test; (Mouse) (Bernardi, M. (187) 501)

Immobility
Stress (emotional); Heart rate; Bradycardia; Anxiolytics; Diazepam; Ipsapirone (TVX Q 7821) (Korte, S.M. (179) 393)

Immobilization (chronic)
5-HT_1 receptors; 5-MeODMT (5-methoxy-N,N-dimethyltryptamine); Naloxone; Morphine; β-Endorphin; (Adaptive change) (Cancela, L. (176) 313)

Immunomodulators
Protein kinase C (nuclear); Prolactin; Splenocytes (rat); Prolactin receptors (nuclear) (Russell, D.H. (188) 139)

Indapamide (binding)
Carbonic anhydrase; Kidney (Schaeffer, P. (182) 503)

Indobufen
Thromboxane B_2; Leukotriene B_4; Prostaglandin E_2; Platelet cyclooxygenase (Patrignani, P. (191) 83)

Indole metabolism
Melatonin; N-Acetylserotonin; 5-HT precursors; Pineal gland; N-Acetyltransferase (Ferretti, C. (187) 345)

Indomethacin
Endothelin; Bronchi (guinea-pig); Airway epithelium; Aorta (rat); Endothelin receptors (Maggi, C.A. (176) 1)

Captopril; Oxyphenbutazone ulcer; Ethanol ulcer; Sulfhydryl (Bhounsule, S.A. (177) 87)

Adjuvant arthritic; Lymphocyte; Inflammation (Seng, G.F. (178) 267)

Propranolol; Ethanol lesions; Timolol; Prostaglandin release; Membrane stabilising action (Bhandare, P. (191) 167)

Indorenate
Arteriovenous anastomoses; Blood flow (carotid); 5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; Migraine (Villalón, C.M. (190) 167)

Infantile stimulation
Ro15-1788 (perinatal); Elevated plus-maze; Exploration; (Rat) (Fernández-Teruel, A. (191) 111)

Infection
Endotoxin; Gastric acid secretion; Gastric pepsin secretion; Lipopolysaccharide; Pylorus-ligated rats (Uehara, A. (181) 141)

Inflammation
Proteinase inhibitors; Kinins; Sponges (Damas, J. (175) 341)

Adjuvant arthritic; Lymphocyte; Indomethacin (Seng, G.F. (178) 267)

Inflammatory mediators
Alveolar macrophages; cAMP; Adenylate cyclase; β-Adrenoceptor agonists; Histamine (Beusenberg, F.D. (174) 33)

Inhibitory junction potential
Smooth muscle; Taenia caeci; ATP; Suramin (Den Hertog, A. (173) 207)

Inositol
Li^+; CDP-diacylglycerol; Platelets (Watson, S.P. (188) 273)

Inositol hexakisphosphate
Nucleus tractus solitarii; Cardiorespiratory control; Inositol polyphosphates; (Extracellular signals) (Barraco, R.A. (173) 75)

Phosphatidylinositol cycle; Epilepsy; Behaviour; Excitotoxicity; EEG (Smith, S.E. (191) 337)

Inositol monophosphate
Muscarinic receptors; cAMP; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Inositol phosphates
Smooth muscle cells; DDT_1 MF-2 cells; P_2 purinoceptors; Membrane currents (Hoiting, B. (181) 127)

DDT_1 MF-2; Smooth muscle cells; P_2 purinoceptors; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

DDT_1 MF-2 cells; Ca^{2+} (intracellular); Smooth muscle; Membrane current; α_{1B}-adrenoceptors (Nelemans, A. (189) 41)

Glomerulosa cells; Angiotensin II receptors; Phospholipase C; Aldosterone; Adrenal cortex (Boulay, G. (189) 267)

T-cell receptors; Signal transduction; Fluoride; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

Inositol phospholipid breakdown
Adenylate cyclase; Phospholipase C; G-proteins; Carbachol; Li^+, K^+; NaF; Cerebral cortex (rat) (Tiger, G. (188) 51)

Inositol polyphosphates
Inositol hexakisphosphate; Nucleus tractus solitarii; Cardiorespiratory control; (Extracellular signals) (Barraco, R.A. (173) 75)

Inositol 1,4,5-trisphosphate ($InsP_3$)
Inositol 1,4,5-trisphosphate receptors; Inositol 1,4,5-trisphosphate phosphatase; Inositol 1,4,5-trisphosphate kinase; 2,3-Diphosphoglycerate; Ca^{2+} mobilization (Guillemette, G. (188) 251)

Receptor heterogeneity; Cerebellum; Adrenal cortex; Heparin (Willcocks, A.L. (189) 185)

Inositol 1,4,5-trisphosphate kinase
Inositol 1,4,5-trisphosphate ($InsP_3$); Inositol 1,4,5-trisphosphate receptors; Inositol 1,4,5-trisphosphate phosphatase; 2,3-Diphosphoglycerate; Ca^{2+} mobilization (Guillemette, G. (188) 251)

Inositol 1,4,5-trisphosphate phosphatase
Inositol 1,4,5-trisphosphate ($InsP_3$); Inositol 1,4,5-trisphosphate receptors; Inositol 1,4,5-trisphosphate kinase; 2,3-Diphosphoglycerate; Ca^{2+} mobilization (Guillemette, G. (188) 251)

Inositol 1,4,5-trisphosphate receptors
Inositol 1,4,5-trisphosphate ($InsP_3$); Inositol 1,4,5-trisphosphate phosphatase; Inositol 1,4,5-trisphosphate kinase; 2,3-Diphosphoglycerate; Ca^{2+} mobilization (Guillemette, G. (188) 251)

Inotropism
DPI 201-106; Vasodilatation; (Enantiomers) (Gérard, J.-L. (184) 321)

In situ hybridization
Vasopressin mRNA (mouse); Chronic ethanol; Plasma osmolality; Vasopressin (plasma); Hypothalamus (Ishizawa, H. (189) 119)

Glutamate receptors; Kainic acid; *Xenopus* oocyte; Hippocampus (Gall, C. (189) 217)

$InsP_6$
Pituitary; Ca^{2+} (Sortino, M.A. (189) 115)

Insulin
Muscarinic receptor subtypes; Islets of Langerhans (rat); Glucagon (Verspohl, E.J. (178) 303)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; Adrenal glands; Glucose; Cardiovascular system (rat) (Bouhelal, R. (181) 89)

β-Adrenoceptors; cAMP; Mononuclear leukocytes (Sager, G. (188) 243)

Insulin (immunoreactive)
Idazoxan; α_2-Adrenoceptors; Plasma glucose; Glucose load; (Rat) (John, G.W. (187) 531)

Insulin release
Tryptamine; 5-HT receptors; (Mouse) (Yamada, J. (181) 319)

Bumetanide; Diuretics (loop); β-Cells; Diabetes mellitus; Cl^-; Ca^{2+}; Rb^+; (Co-transport) (Sandström, P.-E. (187) 377)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_{1C} receptors; 5-HT_2 receptors; Glycemia; Sympathoadrenal system (Chaouloff, F. (187) 435)

Insulin secretion
α_2-Adrenoceptors; Imidazoline receptors; Efaroxan; Islets of Langerhans (Chan, S.L.F. (176) 97)

Glucagon secretion; Peptide receptor antagonists; Vasoactive intestinal polypeptide (VIP); Gastrin-releasing peptide (GRP); Cholecystokinin (CCK); (Mouse); (In vivo) (Karlsson, S. (191) 457)

Interleukin-1
Ulcer; Gastric damage; Duodenal ulceration; Prostaglandins; Cytoprotection (Wallace, J.L. (186) 279)

Interleukin-1β
Long-term potentiation; Hippocampus; Lys-D-Pro-Thr; (In vitro) (Katsuki, H. (181) 323)

Interleukin-1 (recombinant)
Intestinal secretion; A23187; Eicosanoids; (Rabbit) (Chiossone, D.C. (180) 217)

Intestinal secretion
Distension; Enteric nervous system; Prostaglandins; Phospholipase A_2 (Diener, M. (178) 47)

Interleukin-1 (recombinant); A23187; Eicosanoids; (Rabbit) (Chiossone, D.C. (180) 217)

Enteric nerves; Adrenergic nerves; Ion transport; Small intestine (Carey, H.V. (181) 43)

cAMP; 5-HT (5-hydroxytryptamine, serotonin); Phorbol ester; Prostaglandins (Beubler, E. (182) 543)

Intestinal transit
Pertussis toxin; Morphine; Myoelectrical activity; ADP ribosylation (Parolaro, D. (177) 75)

Intestine
4-Aminopyridine; Neuropeptide Y (NPY); Atropine- and tetrodotoxin-resistant contraction; (Rabbit) (Cheng, J.-T. (174) 1)

Intestine (small)
Benzamides; Zacopride; 5-HT_3 receptors; Stereoisomers; Vagus nerve; (Human) (Pinkus, L.M. (179) 231)

Intracarotid injection
Endothelin-1; Spontaneously hypertensive rat (SHR); Vasodilatation (regional); Atrial natriuretic peptide (ANP) (Fozard, J.R. (180) 153)

Intracellular Ca^{2+}
DDT_1 MF-2; Smooth muscle cells; P_2 purinoceptors; Inositol phosphates (Hoiting, B. (189) 31)

Intracellular free Ca^{2+} concentration
Prostaglandin $F_{2\alpha}$; Vascular contraction (tonic); Protein kinase C (Morimoto, S. (188) 369)

Intracellular recording
ω-Conotoxin; Ca^{2+} channels; Presynaptic mechanism; Acetylcholine; GABA; Hippocampus; (Slice) (Dutar, P. (174) 261)

Intracerebral dialysis
Dopamine release; SK&F 38393; SCH 23390; Striatum; Development (Walters, D.E. (184) 257)

Intrathecal administration
Seizures; Analgesia; Opioid receptors; Morphine; (Non-opioid effects) (Yoburn, B.C. (176) 63)

[^{14}C]Iodoantipyrine
Methylxanthines; Caffeine; LPIA (L-phenylisopropyladenosine); Blood flow (cerebral) (Nehlig, A. (179) 271)

2-[^{125}I]Iodomelatonin
Melatonin; Receptor autoradiography; C3H/HeN mice; C57BL/6J mice (Siuciak, J.A. (180) 387)

[^{125}I]Iodomelatonin binding
GTP; G-proteins; Hypothalamus; (Syrian hamster); (Picomolar-affinity sites) (Niles, L.P. (189) 95)

[^{125}I]Iodomelatonin binding sites
Hypothalamus; Melatonin receptors; Prazosin affinity; (Syrian hamster) (Pickering, D.S. (175) 71)

Ion channels
Diltiazem; Benzazepines; Ca^{2+} channel blockers; (Neurons); (Snail) (Novales-Li, P. (178) 161)

GABA (γ-aminobutyric acid); Pentobarbitone; Bicuculline; Picrotoxin; Diazepam; Baclofen; GABA-benzodiazepine receptors; Neurons; (Snail) (Kim, K.H. (182) 49)

Ion conductance
Angiotensin II; Smooth muscle (vascular); Action potential; Membrane depolarization; Ca^{2+} currents (Johns, D.W. (187) 183)

Ionophore A23187
Lung epithelial cell line (human); Platelet-activating factor (PAF-aceter, PAF); Phorbol myristate acetate (Salari, H. (175) 253)

Ion transport
Enteric nerves; Adrenergic nerves; Intestinal secretion; Small intestine (Carey, H.V. (181) 43)

Cl^- secretion; Loperamide; Epithelium; Airways (dog) (Tamaoki, J. (190) 255)

Ipsapirone (TVX Q 7821)
5-Hydroxytryptamine (5-HT, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Purkinje cells; Cerebellar; (In vitro) (Darrow, E.J. (175) 145)

Buspirone; Adrenaline; Glycemia; 5-HT_{1A} receptors (Chaouloff, F. (177) 107)

Stress (emotional); Heart rate; Bradycardia; Immobility; Anxiolytics; Diazepam (Korte, S.M. (179) 393)

Defensive burying; Heart rate; Anxiety; (Rat) (Korte, S.M. (181) 307)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); mCPP (1-(3-chlorophenyl)piperazine); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT receptor subtypes; Mouthing (Frambes, N.A. (182) 9)

CRF (corticotropin-releasing factor); 5-HT_{1A} receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); (Neuroendocrine) (Owens, M.J. (190) 113)

Ischaemia
Kynurenic acid; MK-801; Neuroprotection (Gill, R. (176) 143)

Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium (Ferrari, R. (189) 149)

Ischaemia (global)
Mitochondrial calcium; Nifedipine; Mioflazine; Heart (guinea-pig, working) (Hugtenburg, J.G. (178) 71)

Ischaemia reperfusion
β-Adrenoceptor antagonists; Mitochondrial function; Heart (isolated) (Lu, H.R. (184) 65)

Ischaemic anoxia
YM-14673; TRH (thyrotropin-releasing hormone); Neurological deficits; Brain edema; Neuronal degeneration; (Rat) (Yamamoto, M. (181) 207)

ISF-2405
Smooth muscle (vascular); Cadralazine; Ca^{2+} signals; Fura-2; (Rabbit); (Dog) (Mitsui, M. (178) 171)

Islets of Langerhans
$α_2$-Adrenoceptors; Imidazoline receptors; Efaroxan; Insulin secretion (Chan, S.L.F. (176) 97)

Islets of Langerhans (rat)
Muscarinic receptor subtypes; Insulin; Glucagon (Verspohl, E.J. (178) 303)

Isoenzymes
Muscle damage; Dantrolene sodium; Exercise; Creatine kinase; Histology; Ca^{2+}; Sarcoplasmic reticulum (Amelink, G.J.H. (179) 187)

Isoflurane
Acetylcholine; Halothane; Anesthesia mechanisms; Voltage clamp technique (Sokoll, M.D. (173) 27)

Isoprenaline
β-Adrenoceptor subtypes; Agonist-induced regulation; Myocardium (rat) (Lu, X. (182) 481)

Uterine-smooth muscle; β_2-Adrenoceptors; Forskolin; Ovarian steroids; Pregnancy (Hall, S. (184) 33)

Nitroprusside; cGMP; cAMP; Smooth muscle; Aorta (rat) (Maurice, D.H. (191) 471)

Isoproterenol infusion
Ca^{2+} channels; Myocardial contractions; Forskolin (Bowling, N. (187) 155)

IT-066
Histamine H_2 receptor antagonists; Gastric mucosal cell; [^{14}C]Aminopyrine accumulation (Isobe, Y. (178) 343)

Jaw movements
Dopamine D-1 receptors; Dopamine D-2 receptors; Apomorphine; Dorsal striatum (Koshikawa, N. (178) 189)

Dopamine D_1 receptors; Dopamine D_2 receptors; Apomorphine; Nucleus accumbens; Globus pallidus (Koshikawa, N. (182) 375)

Jejunum
Small intestine (isolated); Ileum; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal polypeptide (VIP); (Human) (Maggi, C.A. (185) 169)

Jerking behaviour
Clozapine; Dopamine D_1 receptors; Dopamine D_2 receptors; Grooming behaviour; (Rat) (Murray, A.M. (186) 79)

Jugular vein
Substance P; Neurokinin receptors; (Selectivity); (Rabbit) (Nantel, F. (179) 457)

Kainate
NMDA (N-methyl-D-aspartate); Quisqualate; σ Receptors; Hippocampus (dorsal) (Monnet, F.P. (179) 441)

GABA (γ-aminobutyric acid); Excitotoxicity; Glutamate; NMDA (N-methyl-D-aspartate); Quisqualate; Cerebro-cortical culture (Erdö, S.L. (182) 203)

NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Quisqualate; Excitatory amino acid; CGS19755; LY233053; CPP (3-(($\pm$)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

β-N-Methylamino-alanine (BMAA); NMDA (N-methyl-D-aspartate); AMPA (RS-α-amino-3-hydroxy-5-methyl-4-isoxazole propionate); Epilepsy; Amyotrophic lateral sclerosis (Smith, S.E. (187) 131)

Vinpocetine; Cerebro-cortical culture; Excitotoxic cell death; NMDA (N-methyl-D-aspartate); Quisqualate; Glutamate (Erdö, S.L. (187) 551)

Quisqualate; Glutamate; Concanavalin A; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Glutamate; Ca^{2+}; Quisqualate; NMDA; (Chick) (McMillian, M. (189) 253)

Kainate receptors
L-Glutamic acid diethyl ester; Quisqualate receptors; Discrimination learning; Glutamate (Lalonde, R. (190) 235)

Kainic acid
Cerebellum; cGMP; Quisqualic acid; NMDA (N-Methyl-D-aspartic acid); Barbiturates; Drug dependence; Drug withdrawal (McCaslin, P.P. (173) 127)

Dopamine release; Microdialysis; Circling behaviour (Pani, L. (180) 85)

Epilepsy; Somatostatin; MK-801; Brain damage; Neuropeptide Y (NPY) (Marksteiner, J. (181) 241)

Quisqualic acid; cis-2,3-Piperidine dicarboxylic acid (PDA); Retina; (Salamander); (Electrophysiology) (Van der Valk, J.B.F. (184) 143)

Glutamate receptors; In situ hybridization; *Xenopus* oocyte; Hippocampus (Gall, C. (189) 217)

K_d (apparent dissociation constant)
Morphine; Tolerance-dependence; Abstinence; DAMGO ([D-Ala^2,MePhe^4,Gly^5-ol]enkephalin); B_{max} (maximal binding capacity); Brain regions; Spinal cord (Bhargava, H.N. (190) 305)

K^+ channel activators
Cardiac refractoriness; Supraventricular arrhythmias; Proarrhythmia (Spinelli, W. (179) 243)

Pinacidil; Smooth muscle (vascular); Ca^{2+} signals; Fura-2; (Rat) (Anabuki, J. (190) 373)

RP52891; Glyburide; 5-Hydroxydecanoate, sodium; Myocardial ischemia (Grover, G.J. (191) 11)

K^+ channel openers
Myotonia; Skeletal muscle (human); Voltage clamp; Membrane conductance (Quasthoff, S. (186) 125)

K^+ channels
Hybridization (in situ); Plasticity; Hippocampus (Séquier, J.-M. (180) 179)

Pinacidil; Cromakalim; Glibenclamide; Smooth muscle (airway) (Nielsen-Kudsk, J.E. (180) 291)

Bronchi (human); Neurokinin A; Cholinergic neural stimulation (Black, J.L. (180) 311)

Cromakalim; Nifedipine; Ca^{2+} channels; ^{86}Rb efflux; (Membrane potential) (McHarg, A.D. (185) 137)

KCl depolarisation
Ebselen; Parenchymal lung strip; H_1 receptors; (Guinea-pig) (Leurs, R. (179) 193)

K^+ conductance
Anti-epileptic drugs; Valproate; Voltage clamp; Node of Ranvier; (Voltage-dependent inhibition) (Van Erp, M.G. (184) 151)

Monensin; Action potential; Na^+-Ca^{2+} exchange (Tsuchida, K. (190) 313)

K^+ currents
Neurokinin A; Substance P; Smooth muscle cells; Vas deferens (rat) (Nakazawa, K. (182) 189)

K^+ currents (delayed outward)
Class III effect; N-Acetylprocainamide; Sotalol (Komeichi, K. (187) 313)

Kelatorphan
^{125}I-ANF-(99-128); Acetorphan; Thiorphan; Peptidase inhibitors; Captopril (Gros, C. (179) 45)

Ketamine
MK-801; Phencyclidine; (+)-N-Allylnormetazocine; (+)-Pentazocine; DTG (1,3-di(2-[5-^{3}H]tolyl)guanidine; Memory; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-n-propylpiperidine) (Jones, K.W. (179) 97)

Substance P; Excitatory amino acid; Urethane (Daló, N.L. (184) 173)

NMDA (N-methyl-D-aspartate); Chirality; Pain; Perception; Phencyclidine receptors; σ Receptors (Klepstad, P. (187) 513)

Ketanserin
5-Hydroxytryptamine (5-HT, serotonin); 5-HT_2 receptors; 5-HT_3 receptors; Mammary artery (human) (Conti, A. (176) 207)

Baroreceptor heart rate reflex; Bezold-Jarisch reflex; Vagal afferents; Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY) (Widdop, R.E. (186) 17)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; Methiothepin; Saphenous vein; (Rabbit) (Van Heuven-Nolsen, D. (191) 375)

[^{3}H]Ketanserin
[^{3}H]Mesulergine; 5-HT_{1C} receptors; 5-HT_2 receptors; Clozapine (Canton, H. (191) 93)

Ketoprofen
Analgesia; Central nervous system (CNS); Thalamic neurons; Arthritic rats; (Intraventricular injection) (Braga, P.C. (184) 273)

Kidney
α_2-Adrenoceptors; Ca^{2+} channel blockers; Proximal tubule; Clonidine; UK 14,304; Diuresis; (Radioligand binding); (Rat) (Stanko, C.K. (175) 13)

Adenosine; Adrenergic neurotransmission; Vasoconstriction (Yoneda, H. (176) 109)

α-Adrenoceptors; Vasoconstriction; SGB-1534; Prazosin (Chiba, K. (176) 263)

[^{3}H]Yohimbine binding; [^{3}H]Idazoxan binding; Brain; (Differential regulation); (Rabbit) (Yakubu, M.A. (176) 305)

Brain natriuretic peptide-26 (BNP-26); Atrial natriuretic peptide (ANP); BNP receptors; ANP receptors; (ANP analogs); (Rat); (Pig) (Maeda, T. (176) 341)

Platelet-activating factor (PAF); Vasodilatation; Albumin (Gerkens, J.F. (177) 119)

Pertussis toxin; α-Adrenoceptors (prejunctional); Noradrenaline release (Murphy, T.V. (179) 435)

Indapamide (binding); Carbonic anhydrase (Schaeffer, P. (182) 503)

Endothelin; Cyclosporine A; Endothelin receptors (Nambi, P. (187) 113)

Dopamine; LLC-PK_1 cells; L-Dopa; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

Kidney (human)
Endothelin isopeptides; Sarafotoxin-6b (SRTX-6b); Autoradiography (Waeber, C. (176) 233)

Kidney (isolated, perfused)
Renal cortex microvessel; Vasodilatation; Adenylate cyclase; Parathyroid hormone; Hypercalcemia of malignancy factor (Musso, M.-J. (174) 139)

Kidney (rat)
Baclofen binding; $GABA_B$ receptors; Autoradiography (Erdö, S.L. (184) 305)

Uricosuric agents; Urate-anion exchangers; Brush border membranes (Dan, T. (187) 303)

Aging; Adenylate cyclase (Vanscheeuwijck, P. (188) 129)

Kindling
Amygdala; Benzodiazepines; F1933; Epilepsy; (Rat) (Lerner-Natoli, M. (182) 161)

Substantia nigra; Anti-epileptic drugs; GABA (γ-aminobutyric acid) (Wahnschaffe, U. (186) 157)

K^+-induced contractions
Arterial tissue; Venous tissue; Potential-operated channels (POC); Receptor-operated channels (ROC); Cations; Agonist-induced contractions (Gouw, M.A.M. (185) 147)

Kinetics of blockade
Muscarinic M_1 receptors; Telenzepine enantiomers; Vas deferens; (Rabbit) (Eltze, M. (180) 161)

Kinins
Proteinase inhibitors; Sponges; Inflammation (Damas, J. (175) 341)

Angiotensin I-converting enzyme inhibition; Bradykinin; Captopril; Lisinopril; Prostacyclin (PGI_2) (Hoffmann, G. (178) 79)

Kynurenate
Quisqualate; AMPA (α-amino-3-hydroxy-5-methylisoxazole-4-propionate); CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Retinal ganglion cell; Excitatory amino acid (Aizenman, E. (174) 9)

Kynurenic acid
Ischaemia; MK-801; Neuroprotection (Gill, R. (176) 143)

Cortical neurons; Somatostatin; NMDA receptors; Zn^{2+}; D-Serine (Tapia-Arancibia, L. (186) 319)

Glycine receptors; 7-Chlorokynurenic acid; Bicuculline; Convulsions; Area tempestas; Glutamate; NMDA receptors; Epilepsy (Wardas, J. (187) 59)

L-364,718
Cholecystokinin (CCK); Acetylcholine release; Myenteric plexus; Neuronal cholecystokinin receptors (Zelles, T. (178) 101)

L-365,031
CCK receptor antagonists; L-365,260; CCK-B receptors; Opiate analgesia; Opiate tolerance; (Rat) (Dourish, C.T. (176) 35)

L-365,209
Oxytocin receptors; Vasopressin receptors; Phosphatidylinositol turnover; Mammary gland; Uterus (Pettibone, D.J. (188) 235)

L-365,260
CCK receptor antagonists; L-365,031; CCK-B receptors; Opiate analgesia; Opiate tolerance; (Rat) (Dourish, C.T. (176) 35)

Labetalol
β-Adrenoceptor antagonists; Carvedilol; Cutaneous vasculature; Vasodilatation (Willette, R.N. (176) 237)

Labial salivary gland (human)
Muscarinic receptor antagonists; Muscarinic receptor subtypes (Mei, L. (176) 367)

Lacrimal glands
Melanocortins; MSH (melanocyte stimulating hormone) receptors; Secretion; Neurotransmitters (Leiba, H. (181) 71)

Learned helplessness
Angiotensin-converting enzyme inhibitors; Perindopril; (Rat) (Martin, P. (187) 165)

Learning
2-Deoxyglucose; Benzodiazepine receptors; β-Carboline; ZK 93 426; (Rat) (Sarter, M. (177) 155)

Learning behaviour
Muscarinic acetylcholine receptor agonists; YM796; YM954; Muscarinic M_1 receptors; Muscarinic M_2 receptors (Wanibuchi, F. (187) 479)

Left ventricle
β_1- Adrenoceptors; β_2-Adrenoceptors; Gastrocnemius muscle; ^{125}I-Cyanopindolol; Adenylate cyclase; Desensitization (Elfellah, M.S. (182) 387)

[Leu^5]enkephalin
Morphine; Antinociception (Porreca, F. (179) 463)

Leukotriene B_4
Thromboxane B_2; Prostaglandin E_2; Indobufen; Platelet cyclooxygenase (Patrignani, P. (191) 83)

Leukotriene D_4
Allergic conjunctivitis; Leukotriene D_4 receptor antagonists; MK-571; PAF (platelet-activating factor, PAF-acether) (Chan, C.-C. (191) 273)

Leukotriene D_4 receptor antagonists
Allergic conjunctivitis; MK-571; Leukotriene D_4; PAF (platelet-activating factor, PAF-acether) (Chan, C.-C. (191) 273)

Leukotriene receptors
Ileum (guinea-pig); FPL 55712; ICI 198615; SK&F 103944 (Gardiner, P.J. (182) 291)

Leukotrienes (C_4, D_4, E_4, F_4); Lung (guinea-pig); Ileum (guinea-pig) (Norman, P. (182) 301)

Leukotriene release
Ro19-3704; Histamine release; RBL 2H3 cells; Mast cells; Phospholipase A_2; Phospholipase C (Gilfillan, A.M. (176) 255)

Leukotrienes (C_4, D_4, E_4, F_4)
Leukotriene receptors; Lung (guinea-pig); Ileum (guinea-pig) (Norman, P. (182) 301)

Levodopa
Platelets; α_2-Adrenoceptors (platelet); [^{3}H]Yohimbine (Durrieu, G. (182) 597)

Leydig cells
Anticonvulsants; Epilepsy; Cytochrome P450; Testosterone (Kühn-Velten, W.N. (181) 151)

LG 30435
Mequitamium iodide; Muscarinic receptors; (Receptor binding) (Renzetti, A.R. (182) 413)

Li^+
Na^+/H^+ exchange; HL-60 cells; Phorbol ester; Phosphoinositides (Bitran, J.A. (188) 193)

CDP-diacylglycerol; Inositol; Platelets (Watson, S.P. (188) 273)

Licking
Substance P; Substance P analogues containing D-histidine; Scratching; Biting; Spinal cord; (Mouse) (Sakurada, T. (174) 153)

Lick patterns
Dopamine; Dopamine D_2 receptors; Reward; Orosensory stimuli; Sucrose; (Sweet taste); (Water) (Schneider, L.H. (186) 61)

Lidocaine
Na^+ channels; Anthopleurin-A; Tetrodotoxin; (Supersensitivity) (Muramatsu, I. (186) 41)

Lidoflazine analogs
Nucleoside transport inhibition; Erythrocytes (human) (Pirovano, I.M. (189) 419)

Ligand affinity
α_1-Adrenoceptors; Antihypertensive agents; Prazosin; Detergent solubilization (Shreeve, S.M. (188) 71)

Ligustrazine
Pulmonary artery; Bronchial artery; Vasodilators; (Human) (Liu, S. (191) 345)

Li^+, K^+
Inositol phospholipid breakdown; Adenylate cyclase; Phospholipase C; G-proteins; Carbachol; NaF; Cerebral cortex (rat) (Tiger, G. (188) 51)

Limbic brain areas
Opioid receptor subtypes; Dopamine release; Acetylcholine release; Brain slices (rat) (Heijna, M.H. (181) 267)

Limbic kindling
Pentylenetetrazole; Cysteamine; Somatostatin; Cortical kindling (Barkai, E. (182) 167)

Limbic seizures
4-Aminopyridine; Dihydropyridines; Ca^{2+}; Hippocampus; Wet-dog shakes (Fragoso-Veloz, J. (178) 275)

Limbic system
5-HT_3 receptors; [^{3}H]Zacopride; Autoradiography; Brain (rat); Anxiety (Waeber, C. (181) 283)

Lipocortin I
Benzodiazepine binding sites (peripheral type); [^{3}H]PK 11195; Anti-lipocortin I antiserum; Smooth muscle (vascular) (Mihara, S.-i. (189) 233)

Lipolysis
α_2-Adrenoceptors; Non-adrenergic sites; Imidazoline; Fat cells (rabbit) (Langin, D. (188) 261)

Lipopolysaccharide
Endotoxin; Gastric acid secretion; Gastric pepsin secretion; Infection; Pylorus-ligated rats (Uehara, A. (181) 141)

Lipoprotein, β-very low density (β-VLDL), receptors
Fibrates; Hypercholesterolemia; Beclobrate; Lipoproteins, high density (HDL); Apolipoprotein E; (Rat) (Manzoni, C. (190) 39)

Lipoproteins, high density (HDL)
Fibrates; Hypercholesterolemia; Beclobrate; Lipoprotein, β-very low density (β-VLDL), receptors; Apolipoprotein E; (Rat) (Manzoni, C. (190) 39)

Lisinopril
Angiotensin I-converting enzyme inhibition; Bradykinin; Captopril; Kinins; Prostacyclin (PGI_2) (Hoffmann, G. (178) 79)

Lisuride
Adenylate cyclase activity; Dopamine receptors; SK&F 82526; Bromocriptine; Neuronal plasticity (Nisoli, E. (176) 85)

Lithium
Imipramine; Desipramine; Pharmacokinetics (cerebral); Norepinephrine; Serotonin (Yoshida, T. (173) 143)

cAMP; cGMP; Phosphodiesterase; Yin-Yang hypothesis; Physostigmine (Harvey, B. (175) 129)

Lithium clearance
Ozolinone; Stereospecificity; Loop diuretic; Renal haemodynamics; Sodium reabsorption (proximal, distal) (Shalmi, M. (180) 69)

Liver
Purinoceptors; Glycogenolysis; (Rabbit); (Guinea-pig) (Keppens, S. (182) 149)

LLC-PK$_1$ cells
Endothelin; MDCK cells; Ca^{2+} (intracellular); Renal reabsorption (Neuser, D. (176) 241)

Dopamine; L-Dopa; Kidney; Aromatic amino acid decarboxylase; Renal catecholamines (Dawson, Jr., R. (189) 423)

Locomotion
5-HT$_{1A}$ receptors; β-Adrenoceptor agonists (Kalkman, H.O. (173) 121)

Prenatal diazepam; Ultrasonic vocalization; Sexual behaviour; (Rat) (Cagiano, R. (177) 67)

Cocaine; 5-HT$_3$ receptor antagonists; (Mouse) (Reith, M.E.A. (186) 327)

Dopamine D$_1$ receptors; Dopamine D$_2$ receptors; Behavioral effects; Bombesin; SK&F 38393; Eticlopride; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour (Merali, Z. (191) 281)

5-HT$_{1A}$ receptors; α-Adrenoceptor antagonists; β-Adrenoceptor antagonists; Dopamine receptors (Kalkman, H.O. (191) 383)

Locomotor activity
Dexamphetamine; [^{3}H]GBR 12783 binding in vivo; Dopamine uptake complex (Vaugeois, J.-M. (178) 221)

Ontogeny; Grooming; Dopamine D$_1$ receptors; Dopamine D$_2$ receptors; (Rat pups) (McDougall, S.A. (186) 223)

Cocaine; Amphetamine; Dopamine; Ca^{2+} channels; Dihydropyridines; Microdialysis (Pani, L. (190) 217)

Locus coeruleus
Idazoxan; 1-(2-Pyrimidinyl)piperazine (1-PP or PmP); Desipramine; Antidepressant activity; α_2-Adrenoceptors (Cervo, L. (175) 301)

Fenfluramine; Dorsal raphe; A10 neurons (Scuvée-Moreau, J. (179) 211)

Dorsal raphe; Antipsychotics; BMY 14802; (Electrophysiology); (Rat) (VanderMaelen, C.P. (179) 357)

Noradrenaline; Nicotine; Hippocampus; Hypothalamus (Mitchell, S.N. (179) 383)

Galanin; Neuropeptide Y (NPY); mRNA; Hybridization (in situ); Gene regulation (Gundlach, A.L. (184) 163)

Vinpocetine; Cognitive-enhancing effects; Noradrenaline; Unit activity (Gaál, L. (187) 537)

Long-term potentiation (LTP)
Methylglucamine orotate; Memory; Dentate gyrus; (Field potentials) (Krug, M. (173) 223)

Hippocampus; Interleukin-1β; Lys-D-Pro-Thr; (In vitro) (Katsuki, H. (181) 323)

Loop diuretic
Ozolinone; Stereospecificity; Lithium clearance; Renal haemodynamics; Sodium reabsorption (proximal, distal) (Shalmi, M. (180) 69)

Loperamide
Ion transport; Cl^- secretion; Epithelium; Airways (dog) (Tamaoki, J. (190) 255)

Lower lip retraction
5-HT$_{1A}$ receptors; Defecation; (Rat); (Functional agonism); (Antagonism) (Berendsen, H.H.G. (187) 97)

LPIA (L-phenylisopropyladenosine)
[^{14}C]Iodoantipyrine; Methylxanthines; Caffeine; Blood flow (cerebral) (Nehlig, A. (179) 271)

Lung
Ascorbic acid; Sodium iodide; Autoradiography; Trachea; (Binding) (Self, G.J. (176) 169)

Muscarinic receptors; Neuraminidase; Virus; Parainfluenza (Fryer, A.D. (181) 51)

Bronchoconstriction; Endothelin; Heart; Endothelin receptors; Vasoconstriction (Hemsén, A. (191) 319)

Lung epithelial cell line (human)
Platelet-activating factor (PAF-aceter, PAF); Phorbol myristate acetate; Ionophore A23187 (Salari, H. (175) 253)

Lung fibroblast cells (fetal rat)
cGMP; EDRF (endothelium-derived relaxing factor); N$^{\omega}$-Nitro-L-arginine; N^{G}-Monomethyl-L-arginine; Aortic endothelial cells (bovine) (Ishii, K. (176) 219)

Lung (guinea-pig)
Leukotriene receptors; Leukotrienes (C_4, D_4, E_4, F_4); Ileum (guinea-pig) (Norman, P. (182) 301)

Lung lobe perfusion (isolated)
Pulmonary vasoconstriction (hypoxic); Pindolol; Propranolol (Takashio, T. (191) 493)

Luzindole (N-0774)
Melatonin receptor antagonists; C3H/HeN mouse; ND/4 mouse; C57BL/6J mouse; Forced swimming test (Dubocovich, M.L. (182) 313)

LY233053
NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Quisqualate; Excitatory amino acid; CGS19755; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

Lymphocyte
Adjuvant arthritic; Indomethacin; Inflammation (Seng, G.F. (178) 267)

Lys-D-Pro-Thr
Long-term potentiation; Hippocampus; Interleukin-1β; (In vitro) (Katsuki, H. (181) 323)

L-Lysine
Benzodiazepine receptor stimulation; GABA; Pentobarbital; Picrotoxinin; Convulsions (Gao, X.-M. (173) 197)

Lysolecithin
Thimerosal; Arachidonic acid; Coronary artery; Endothelium-dependent relaxation; (Electrophysiology) (Bény, J.-L. (185) 235)

***Magnolia fargesii* (Chinese herb)**
Antiplatelet agents; Vasorelaxation (rat aorta) (Yu, S.-M. (187) 39)

Mammary artery (human)
5-Hydroxytryptamine (5-HT, serotonin); 5-HT_2 receptors; 5-HT_3 receptors; Ketanserin (Conti, A. (176) 207)

Mammary artery (human, internal)
Endothelin; Saphenous vein (human); Endothelium; EDRF (endothelium-derived relaxing factor) (Costello, K.B. (186) 311)

Mammary artery (internal)
Adenosine receptors; CGS-15943A; Adenosine receptor antagonists; Smooth muscle (vascular); Coronary artery (human) (Sabouni, M.H. (187) 525)

Mammary gland
Oxytocin receptors; Vasopressin receptors; Phosphatidylinositol turnover; Uterus; L-365,209 (Pettibone, D.J. (188) 235)

Manassantin A
Neuroleptics; Haloperidol; *Saururus cernuus*; Tranquilizer (major) (Rao, K.V. (179) 367)

MAO-A (monoamine oxidase A)
[^{3}H]Brofaromine binding; Brofaromine; Moclobemide; Clorgyline; Microsomal liver enzymes (Waldmeier, P.C. (180) 297)

MAO-B inhibition
DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine); Deprenyl; Neurotoxicity (mechanisms); Parkinson's disease; Aging (Finnegan, K.T. (184) 119)

Marijuana
Δ^9-Tetrahydrocannabinol; Dopamine; Cortex (medial prefrontal); Microdialysis; Drugs of abuse (Chen, J. (190) 259)

Mast cell degranulation
Hind-paw edema; Phospholipase A_2 (acidic and basic venom); Histidine-modified phospholipase A_2 (Teng, J.-P.W.C.-M. (190) 347)

Mast cells
Ro19-3704; Histamine release; Leukotriene release; RBL 2H3 cells; Phospholipase A_2; Phospholipase C (Gilfillan, A.M. (176) 255)

Mazindol
[^{3}H]GBR 12935; GBR 12909; Cocaine; Dopamine uptake; Nucleus accumbens; Striatum (Berger, P. (177) 91)

MCI-154
Capacitance vessels; Cardiotonic; Circulatory filling pressure (mean); Venodilator effect (Satoh, N. (175) 317)

MCPBG (1-(m-chlorophenyl)-biguanide)
5-HT_3 receptors; 5-HT_3 receptor agonists; 2-Methyl 5-HT; Phenylbiguanide (Kilpatrick, G.J. (182) 193)

MDCK cells
Endothelin; LLC-PK_1 cells; Ca^{2+} (intracellular); Renal reabsorption (Neuser, D. (176) 241)

MDL 72832
Analgesia (defeat); 5-HT_{1A} receptor agonists; Nociception (basal); (Stereospecificity); (Mouse) (Rodgers, R.J. (182) 581)

MDL 73005EF (8-[2-(2,3-dihydro-1,4-benzodioxin-2-yl)methylamino]-8-azaspiro[4,5]decan-7,9-dione methyl sulphonate)
5-HT receptors; Adenylate cyclase (Cornfield, L.J. (173) 189)

5-HT_{1A} receptors; 5-HT release; ACTH (adrenocorticotropin); Microdialysis (brain, in vivo); Radioimmunoassay (Gartside, S.E. (191) 391)

MDMA (3,4-methylenedioxymethamphetamine)
5-Hydroxytryptamine (5-HT, serotonin); Synaptosomes; (Rat) (Hekmatpanah, C.R. (177) 95)

L-Tryptophan; Dorsal raphe nucleus; Single unit recording; Microdialysis (Sprouse, J.S. (178) 313)

5-HT (5-hydroxytryptamine, serotonin); Dopamine neurotoxicity (Schmidt, C.J. (181) 59)

Tryptophan hydroxylase; 5-HT uptake inhibitors (Schmidt, C.J. (181) 133)

Amphetamine; Chloral hydrate (Schmidt, C.J. (191) 213)

Monoamine release; Brain slices (rat, superfused); Noradrenaline; 5-HT (5-hydroxytryptamine, serotonin); Dopamine (Fitzgerald, J.L. (191) 217)

Mecamylamine
Nicotine; Somatostatin receptors; Brain; (Rat) (Barrios, V. (179) 263)

Mechanical pain
Analgesia; Medetomidine; Atipamezole; Cocaine; Formalin test; Tail-flick test; (Rat) (Pertovaara, A. (179) 323)

Medetomidine
Analgesia; Atipamezole; Cocaine; Formalin test; Tail-flick test; Mechanical pain; (Rat) (Pertovaara, A. (179) 323)

Medulla oblongata
5-HT_3 receptors; Emesis; Autoradiography (Reynolds, D.J.M. (174) 127)

CGRP (calcitonin gene-related peptide); Norepinephrine release; Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY) (Tsuda, K. (191) 101)

Medulla oblongata (median area)
Actylcholine; Pulmonary vascular response; 5-HT (5-hydroxytryptamine, serotonin); Endorphine; Sympathoinhibition center (Ni, H. (181) 167)

Melanocortins
MSH (melanocyte stimulating hormone) receptors; Lacrimal glands; Secretion; Neurotransmitters (Leiba, H. (181) 71)

Acrylamide; Neuropathy (peripheral) (Sporel-Özakat, R.E. (186) 181)

Melatonin
2-[^{125}I]Iodomelatonin; Receptor autoradiography; C3H/HeN mice; C57BL/6J mice (Siuciak, J.A. (180) 387)

N-Acetylserotonin; 5-HT precursors; Indole metabolism; Pineal gland; N-Acetyltransferase (Ferretti, C. (187) 345)

Melatonin receptor antagonists
Luzindole (N-0774); C3H/HeN mouse; ND/4 mouse; C57BL/6J mouse; Forced swimming test (Dubocovich, M.L. (182) 313)

Melatonin receptors
Hypothalamus; [^{125}I]Iodomelatonin binding sites; Prazosin affinity; (Syrian hamster) (Pickering, D.S. (175) 71)

Memantine
Baclofen; Anticonvulsants; Convulsants; Cell culture (Netzer, R. (186) 149)

Membrane conductance
Smooth muscle; Taenia caeci; Glibenclamide; Cromakalim (Den Hertog, A. (174) 287)

Myotonia; Skeletal muscle (human); K^+ channel openers; Voltage clamp (Quasthoff, S. (186) 125)

Membrane currents
Substance P; Acetylcholine; Smooth muscle cells; Ileum (guinea-pig) (Nakazawa, K. (179) 453)

Smooth muscle cells; DDT_1 MF-2 cells; P_2 purinoceptors; Inositol phosphates (Hoiting, B. (181) 127)

R56865 (N-[1-[4-(4-fluorophenoxy)butyl]-4-piperidinyl]-N-methyl-2-benzothiazolamine); Cardiomyocytes (isolated); Cardiac glycoside intoxication (Himmel, H.M. (187) 235)

DDT_1 MF-2 cells; Ca^{2+} (intracellular); Smooth muscle; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Membrane depolarization
Angiotensin II; Smooth muscle (vascular); Action potential; Ion conductance; Ca^{2+} currents (Johns, D.W. (187) 183)

Membrane permeabilization
Thymocytes; EL-4 cell line; Cation entry; ATP^{4-}; (Mouse) (El-Moatassim, C. (181) 111)

Membrane stabilising action
Propranolol; Ethanol lesions; Timolol; Indomethacin; Prostaglandin release (Bhandare, P. (191) 167)

Memory
Methylglucamine orotate; Long-term potentiation (LTP); Dentate gyrus; (Field potentials) (Krug, M. (173) 223)

DM-9384 (N-(2,6-dimethyl-phenyl)-2-(2-oxo-1-pyrrolidinyl) acetamide); Passive avoidance task; Picrotoxin; Bicuculline; GABAergic neuronal system; $GABA_A$ receptors (Nabeshima, T. (178) 143)

MK-801; Phencyclidine; Ketamine; (+)-N-Allylnormetazocine; (+)-Pentazocine; DTG (1,3-di(2-[5-^{3}H]tolyl)guanidine; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-n-propylpiperidine) (Jones, K.W. (179) 97)

5-MeODMT (5-methoxy-N,N-dimethyltryptamine)
Immobilization (chronic); 5-HT_1 receptors; Naloxone; Morphine; β-Endorphin; (Adaptive change) (Cancela, L. (176) 313)

[^{3}H]Mepyramine binding assay
Histamine H_1 receptors; Astrocyte; (Rat) (Inagaki, N. (173) 43)

Mequitamium iodide
LG 30435; Muscarinic receptors; (Receptor binding) (Renzetti, A.R. (182) 413)

Mesenteric artery
Angiotensin II; Vascular endothelium; Basilar artery (Yen, M.-H. (180) 209)

Sympathetic neurotransmission; cGMP; cAMP; (Dog) (Greenberg, S.S. (187) 409)

Mesenteric bed (rat)
ATP; α,β-Methylene ATP; Purines; Synergism (Ralevic, V. (175) 291)

Mesenteric microcirculation
L-NMMA (N^G-monomethyl-L-arginine); Acetylcholine; EDRF/NO (Fortes, Z.B. (182) 143)

Mesenteric resistance artery
Ca^{2+} sensitivity; Spontaneously hypertensive rat (SHR); Dihydropyridines (Boonen, H.C.M. (179) 403)

Mesenteric vascular bed
Endothelin; Sarafotoxin; Norepinephrine release; Neurotransmission; Hypertension (Han, S.-P. (177) 29)

Thromboxane receptor blockade; Vasoconstrictor responses; Vasodilator responses; Adrenergic transmission (Minkes, R.K. (179) 119)

Mesocortical dopamine system
Stress; Dopamine release; Mesolimbic dopamine system; ICS 205-930; Diazepam (Imperato, A. (175) 211)

Mesolimbic dopamine system
Stress; Dopamine release; Mesocortical dopamine system; ICS 205-930; Diazepam (Imperato, A. (175) 211)

[^{3}H]Mesulergine
[^{3}H]Ketanserin; 5-HT_{1C} receptors; 5-HT_2 receptors; Clozapine (Canton, H. (191) 93)

Metabolic effects
Xamoterol; Haemodynamic effects; (Exercising dogs) (Fischer, G. (177) 19)

Metalloproteinase
Endothelin-1; Big endothelin-1; Hypertensive effects; Phosphoramidon; (Conversion) (Matsumura, Y. (185) 103)

[Met^5]enkephalin
Na^+ absorption; HCO_3^- secretion (electrogenic); Prostaglandin E_1 (Wehner, F. (178) 333)

BAM-12P; BAM-18P; BAM-22P; Peptide E (Davis, T.P. (191) 253)

[Met^5]enkephalin antibody
β-Endorphin; Morphine; Analgesia; Antinociception; Tail-flick response; Hot-plate response (Tseng, L.L.F. (173) 171)

Methacholine
Capsaicin; Histamine; Substance P; Vagal stimulation; Airway responsiveness (Biggs, D.F. (175) 29)

Methamphetamine
MK-801; NMDA (N-methyl-D-aspartate); Neurotensin; Dopamine; Basal ganglia (Singh, N.A. (187) 337)

cis-2,4-Methanoglutamate
L-Glutamate; NMDA (N-methyl-D-aspartate); Oocytes; Hippocampal slices; (Radioligand binding) (Lanthorn, T.H. (182) 397)

L-Methionine-D,L-sulfoximine
Astrocyte; Glutamine efflux; GABA efflux; D-Aspartate efflux (Albrecht, J. (182) 587)

Methiothepin
5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; Ketanserin; Saphenous vein; (Rabbit) (Van Heuven-Nolsen, D. (191) 375)

Methoctramine
Muscarinic receptor subtypes; Gallamine; Allosteric effects (Michel, A.D. (182) 335)

Methoxamine
Smooth muscle tone; Endothelin; Atriopeptin III; Aorta; (Rabbit) (Opgenorth, T.J. (191) 351)

Adenylate cyclase-cyclic AMP system; Vasorelaxation; Precontraction levels; (Canine veins) (Tsuru, H. (191) 447)

Methoxyflurane
Anaesthesia antagonists; Ro15-4513; Ro15-1788; β-CCE (ethyl-β-carboline-3-carboxylate); (Rat) (Miller, D.W. (173) 1)

4-Methylaminorex
Basal ganglia; Dopamine; Dynorphin A; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); Tryptophan hydroxylase; (Drug abuse) (Bunker, C.F. (180) 103)

α,β-Methylene ATP
Purinergic nerves; P^1,P^6-diadenosine hexaphosphate; ATP; Bladder; (Human) (Hoyle, C.H.V. (174) 115)

ATP; Purines; Synergism; Mesenteric bed (rat) (Ralevic, V. (175) 291)

Neuropeptide Y (NPY); Noradrenaline; Nerve stimulation; Ear artery (central); (Rabbit) (Saville, V.L. (176) 117)

Urinary bladder; Non-cholinergic transmission; Purinoceptor desensitization (Luheshi, G. (185) 203)

Calcitonin gene-related peptide (CGRP); Noradrenaline; Sympathetic nerve stimulation; Ear artery (rabbit, central) (Maynard, K.I. (187) 171)

Methylglucamine orotate
Memory; Long-term potentiation (LTP); Dentate gyrus; (Field potentials) (Krug, M. (173) 223)

[^{3}H](R)α-Methylhistamine
Histamine H_3 receptor; Guanine nucleotides; Ca^{2+} (Arrang, J.-M. (188) 219)

(R)-α-Methylhistamine
Vagal stimulation; Thioperamide; Neuropeptides (Ichinose, M. (174) 49)

Histamine H_3 receptors; Thioperamide; Histamine; Monoamines; 5-HT (5-hydroxytryptamine, serotonin) (Oishi, R. (184) 135)

2-Methyl 5-HT
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; α-Methyl 5-HT; Ca^{2+}-dependent plateau; Dorsal root ganglion; (Action potential) (Scroggs, R.S. (178) 229)

5-HT_3 receptors; 5-HT_3 receptor agonists; MCPBG (1-(m-chlorophenyl)-biguanide); Phenylbiguanide (Kilpatrick, G.J. (182) 193)

α-Methyl 5-HT
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; 2-Methyl 5-HT; Ca^{2+}-dependent plateau; Dorsal root ganglion; (Action potential) (Scroggs, R.S. (178) 229)

N^G-Methyl-L-arginine
Nitric oxide (NO); Arterial pressure; Pithed rat (Vargas, H.M. (190) 393)

N-Methylmercaptoimidazole
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); $MPDP^+$ (1-methyl-4-phenyl-1,3-dihydropyridine); MPP^+ (1-methyl-4-phenylpyridine); Neurotoxicity; Flavin-containing monooxygenase (Chiba, K. (180) 59)

2′-Methyl-MPTP (1-methyl-4-(2′-methylphenyl)-1,2,3,6-tetrahydropyridine)
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Substantia nigra; Dopamine; (Marmoset) (Rose, S. (181) 97)

α-Methyl-p-tyrosine
Antidepressants; Adenylate cyclase (De Montis, G.M. (180) 169)

Ganglionic blockade; Norepinephrine turnover; Arterial pressure (mean); Vasoconstrictors (Kline, R.L. (184) 109)

[^{3}H]N-Methylscopolamine
Muscarinic receptors; Endothelial cells; Coronary artery (bovine); Receptor blockade (irreversible) (Brunner, F. (187) 145)

2-Methylserotonin
5-HT_3 receptors; Cortex (medial prefrontal); (Microiontophoresis) (Ashby, Jr., C.R. (173) 193)

Methylxanthines
[^{14}C]Iodoantipyrine; Caffeine; LPIA (L-phenylisopropyladenosine); Blood flow (cerebral) (Nehlig, A. (179) 271)

Paraxanthine; Dopamine D-1 receptors; [^{3}H]SCH 23390; Striatum (Ferré, S. (179) 295)

[D-Met^2,Pro^5]enkephalinamide
Ulcer (experimental); Shay-model; Morphine; Naloxone (Till, M. (175) 355)

Mg^{2+}
CGP 28392; BAY k 8644; Nifedipine; Ryanodine; Excitation-contraction coupling; Ca^{2+} release; Force-frequency relation; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

Verapamil; Bepridil; Amiloride; Na^+-Ca^{2+} exchange; Coronary artery (Maseki, T. (190) 355)

Microcirculation
Nitric oxide (NO); EDRF (endothelium-derived relaxing factor); L-NMMA (N^G-monomethyl-L-arginine); L-Arginine; Gastric mucosal blood flow (Pique, J.M. (174) 293)

Microdialysis
Acetylcholine; Choline; Scopolamine; Oxotremorine; Nicotine; Brain regions (Toide, K. (173) 133)

Striatum; Chloral hydrate anaesthesia; Acetylcholine; (Rat) (Bertorelli, R. (175) 79)

Noradrenaline; Foot-shock; Diazepam (Rossetti, Z.L. (176) 229)

BMY 7378; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; 5-HT_{1A} receptors; 5-HT-mediated behaviour; 5-HT release (Sharp, T. (176) 331)

Haloperidol (chronic); Clozapine (chronic); Dopamine release and metabolism (Ichikawa, J. (176) 371)

MDMA (3,4-methylenedioxymethamphetamine); L-Tryptophan; Dorsal raphe nucleus; Single unit recording (Sprouse, J.S. (178) 313)

Dopamine release; Circling behaviour; Kainic acid (Pani, L. (180) 85)

Adenosine receptor agonists; Adenosine receptors; Dopamine release; Striatum (Zetterström, T. (180) 137)

Behaviour; Brain; Drug distribution; Extracellular space; Pharmacokinetics; Theophylline; (Rat) (Ståhle, L. (185) 187)

5-HT_3 receptors; Dopamine; Ethanol; Striatum; Nucleus accumbens (Wozniak, K.M. (187) 287)

GABA (γ-aminobutyric acid); Striatum; Dorsolateral striatum; Ventral striatum; Fundus striati; Globus pallidus (Drew, K.L. (187) 385)

Dopamine release; Ca^{2+} dependence; (+)-AJ 76; d-Amphetamine; (Rat) (Waters, N. (187) 425)

Dopamine overflow/release; β-Endorphin; μ/δ-Opioid receptor complex; Nucleus accumbens; (Intracerebroventricular); (Rat) (Spanagel, R. (190) 177)

Cocaine; Amphetamine; Dopamine; Ca^{2+} channels; Dihydropyridines; Locomotor activity (Pani, L. (190) 217)

Flunarizine; Cocaine; (−)-Sulpiride; [^{3}H]Spiperone binding; Motor activity (Pani, L. (190) 223)

Marijuana; Δ^9-Tetrahydrocannabinol; Dopamine; Cortex (medial prefrontal); Drugs of abuse (Chen, J. (190) 259)

Microdialysis (brain, in vivo)
MDL 73005EF (8-[2-(2,3-dihydro-1,4-benzodioxin-2-yl)methylamino]-8-azaspiro[4,5]decan-7,9-dione methyl sulphonate); 5-HT_{1A} receptors; 5-HT release; ACTH (adrenocorticotropin); Radioimmunoassay (Gartside, S.E. (191) 391)

Microdialysis (in vivo)
p-Chloroamphetamine; 1-(4-Chlorophenyl)-2-aminobutane (CAB); Drug discrimination; Uptake inhibition; 5-HT neurotoxicity (Johnson, M.P. (191) 1)

Microiontophoresis
Phencyclidine analogs; BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine); TCP (N-[1-(2-thiophenyl)cyclohexyl] piperidine); Nigrostriatal dopamine neurons; Electrophysiology; (Rat) (Rouillard, C. (182) 227)

Microsomal liver enzymes
[^{3}H]Brofaromine binding; MAO-A (monoamine oxidase A); Brofaromine; Moclobemide; Clorgyline (Waldmeier, P.C. (180) 297)

Microvascular permeability
Substance P; Oedema; Nitric oxide (NO); Blood flow (Hughes, S.R. (191) 481)

Micturition reflex
Bladder voiding; MK-801; NMDA receptors; (Rat) (Maggi, C.A. (181) 105)

Migraine
5-Hydroxytryptamine (5-HT, serotonin); 5-Carboxyamidotryptamine; Cerebral arteries; GR 43175; 5-HT receptors; 5-HT_1-like receptors (Parsons, A.A. (174) 189)

Arteriovenous anastomoses; Blood flow (carotid); 5-HT (5-hydroxytryptamine, serotonin); 5-HT_1-like receptors; Indorenate (Villalón, C.M. (190) 167)

Milnacipran
5-HT autoreceptors; Antidepressants; 5-HT release; Citalopram (Moret, C. (180) 351)

Milrinone
Heart failure; Hemodynamics; Myocardial infarct; (Rat) (Schoemaker, R.G. (182) 527)

G-proteins (guanine nucleotide-binding proteins); Pertussis toxin (Verrijk, R. (191) 197)

Minipumps
Benzodiazepines; Dependence; Partial agonists; Precipitated withdrawal (Moreau, J.-L. (190) 269)

Mioflazine
Ischaemia (global); Mitochondrial calcium; Nifedipine; Heart (guinea-pig, working) (Hugtenburg, J.G. (178) 71)

Mitochondria
Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Mitochondrial calcium
Ischaemia (global); Nifedipine; Mioflazine; Heart (guinea-pig, working) (Hugtenburg, J.G. (178) 71)

Mitochondrial function
β-Adrenoceptor antagonists; Ischemia reperfusion; Heart (isolated) (Lu, H.R. (184) 65)

MK-329
PET (positron emission tomography); Pancreas; CCK receptors (peripheral); CCK receptor antagonists; (In vivo binding) (Sadzot, B. (185) 195)

MK-571
Allergic conjunctivitis; Leukotriene D_4 receptor antagonists; Leukotriene D_4; PAF (platelet-activating factor, PAF-acether) (Chan, C.-C. (191) 273)

MK-801 binding
Ethanol withdrawal seizures; NMDA receptors; Genetics; Pharmacogenetics; (Selected mouse lines) (Valverius, P. (184) 185)

MK-801 ((+)-5-methyl-10,11-dihydro-5H-dibenzo-[a,d]cyclohept-5,10-imine maleate)
NMDA (N-methyl-D-aspartate); NMDA receptor antagonists; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); Vestibular compensation (Darlington, C.L. (174) 273)

Alcohol withdrawal; Ethanol; Seizures; NMDA (N-methyl-D-aspartate); Excitatory amino acid (Morrisett, R.A. (176) 103)

Ischaemia; Kynurenic acid; Neuroprotection (Gill, R. (176) 143)

Ethanol dependence; NMDA (N-methyl-D-aspartate); Withdrawal seizures; Ca^{2+} channels; (Mouse) (Grant, K.A. (176) 289)

NMDA receptors; Dopamine D-1 receptors; Quinolinic acid; Excitotoxins; (Supersensitivity) (Norman, A.B. (176) 363)

Phencyclidine; Ketamine; (+)-N-Allylnormetazocine; (+)-Pentazocine; DTG (1,3-di(2-[5-^{3}H]tolyl)guanidine; Memory; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-n-propylpiperidine) (Jones, K.W. (179) 97)

Micturition reflex; Bladder voiding; NMDA receptors; (Rat) (Maggi, C.A. (181) 105)

Epilepsy; Kainic acid; Somatostatin; Brain damage; Neuropeptide Y (NPY) (Marksteiner, J. (181) 241)

NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Quisqualate; Excitatory amino acid; CGS19755; LY233053; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione) (Schoepp, D.D. (182) 421)

Antidepressants; ACPC (1-aminocyclopropanecarboxylic acid); NMDA (N-methyl-D-aspartate); AP-7 (2-amino-7-phosphonoheptanoic acid) (Trullas, R. (185) 1)

NMDA (N-methyl-D-aspartate); Methamphetamine; Neurotensin; Dopamine; Basal ganglia (Singh, N.A. (187) 337)

Excitatory amino acid; Glutamate receptors; Glycine; NMDA (Marvizón, J.-C.G. (188) 23)

NMDA receptor; Brain (rat); Structure-activity relationship (SAR); TCP (N-[1-(2-thienyl)cyclohexyl]piperidine); Phencyclidine derivatives (Nadler, V. (188) 97)

Polyamines; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

MNQX (5,7-dinitro-quinoxaline-2,3-dione)
Glycine antagonist; NMDA (N-methyl-D-aspartate); [^{3}H]GABA release; Spreading depression; (Electrophysiology) (Sheardown, M.J. (174) 197)

Moclobemide
[^{3}H]Brofaromine binding; MAO-A (monoamine oxidase A); Brofaromine; Clorgyline; Microsomal liver enzymes (Waldmeier, P.C. (180) 297)

Modafinil
Prazosin; α_1-Adrenoceptors; (Awakening); (Mouse); (Rat); (Monkey) (Duteil, J. (180) 49)

Monensin
Action potential; Na^+-Ca^{2+} exchange; K^+ conductance (Tsuchida, K. (190) 313)

Monoamine depletion
Tonic electrodermal activity; Prazosin; Yohimbine; Spinal cord; α-Adrenoceptors (CNS); Sudomotor mechanisms (Koss, M.C. (182) 381)

Monoamine release
MDMA (3,4-methylenedioxymethamphetamine); Brain slices (rat, superfused); Noradrenaline; 5-HT (5-hydroxytryptamine, serotonin); Dopamine (Fitzgerald, J.L. (191) 217)

Monoamines
α_2-Adrenoceptors; Dexmedetomidine; (Chronic treatment) (Koulu, M. (176) 151)

Histamine H_3 receptors; (R)-α-Methylhistamine; Thioperamide; Histamine; 5-HT (5-hydroxytryptamine, serotonin) (Oishi, R. (184) 135)

Monoclonal antibody
Angiotensin II receptor antagonists; Antihypertensive agents; Blood pressure; Spontaneously hypertensive rats (SHR) (Wong, P.C. (186) 353)

Monocrotaline
Pulmonary hypertension; Endothelin; 5-Hydroxytryptamine; Pulmonary artery (rat) (Wanstall, J.C. (176) 159)

N^G-Monomethyl-L-arginine (L-NMMA)
cGMP; EDRF (endothelium-derived relaxing factor); N^{ω}-Nitro-L-arginine; Aortic endothelial cells (bovine); Lung fibroblast cells (fetal rat) (Ishii, K. (176) 219)

Gastric fundus (rat); L-Arginine; Nitric oxide (NO); Non-adrenergic, non-cholinergic transmission; Vasoactive intestinal polypeptide (VIP) (Li, C.G. (191) 303)

Endotoxin; Nitric oxide (NO); Vascular injury; Nitrovasodilators (Boughton-Smith, N.K. (191) 485)

Mononuclear leukocytes
Insulin; β-Adrenoceptors; cAMP (Sager, G. (188) 243)

Morphine
Analgesia; Hyperthermia; Tolerance; MR 2266; MR 2267; κ Opiate receptor antagonists; (Stereospecificity) (Bhargava, H.N. (173) 159)

[Met^5]enkephalin antibody; β-Endorphin; Analgesia; Antinociception; Tail-flick response; Hot-plate response (Tseng, L.L.F. (173) 171)

Enkephalin analogs; Discriminative stimulus effects (Nishida, N. (174) 71)

Withdrawal; Electrical stimulation; Motor activity (Dougherty, P.M. (175) 187)

Halothane; Contractility; Opioid receptors; Naloxone (Laorden, M.L. (175) 285)

Ulcer (experimental); Shay-model; Naloxone; [D-Met^2,Pro^5]enkephalinamide (Till, M. (175) 355)

Seizures; Analgesia; Opioid receptors; Intrathecal administration; (Non-opioid effects) (Yoburn, B.C. (176) 63)

Immobilization (chronic); 5-HT$_1$ receptors; 5-MeODMT (5-methoxy-N,N-dimethyltryptamine); Naloxone; β-Endorphin; (Adaptive change) (Cancela, L. (176) 313)

Pertussis toxin; Intestinal transit; Myoelectrical activity; ADP ribosylation (Parolaro, D. (177) 75)

Paradoxical analgesia; Naloxone; Up-regulation; Dependence (Suzuki, T. (178) 239)

Glycine; Nociception (thermal); Nociception (chemical-visceral) (Carrara, M. (179) 301)

β-Endorphin; Antinociception; Pain control systems (descending); CCK-8s (sulfated cholecystokinin octapeptide); Pi, glumide (Suh, H.H. (179) 329)

Antinociception; [Leu^5]enkephalin (Porreca, F. (179) 463)

Nociception; Spinal cord; Flexor reflex; Substance P; Unmyelinated afferents; (Intrathecal) (Xu, X.-J. (182) 137)

Tolerance-dependence; Abstinence; 5-HT$_{1A}$ receptors; Brain regions; Spinal cord; Hypothermia; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin (Gulati, A. (182) 253)

Antinociception; δ-Opioid receptor agonists; Tolerance (Jiang, Q. (186) 137)

Stress; GABA (γ-aminobutyric acid); Benzodiazepines (Del Rio-Garcia, J. (187) 495)

Tolerance-dependence; Abstinence; DAMGO ([D-Ala^2, MePhe^4,Gly^5-ol]enkephalin); B_{max} (maximal binding capacity); K_d (apparent dissociation constant); Brain regions; Spinal cord (Bhargava, H.N. (190) 305)

Morphine abstinence
Ca^{2+} channels; Pain sensitivity (Antkiewicz-Michaluk, L. (180) 129)

Morphine dependence
Conditioned emotional response; (Rat) (Bartoletti, M. (185) 163)

Morphine derivatives
Dimerization; Conformation; Opioid receptors; (Synthesis); (Pharmacology) (Yara, H. (188) 359)

Morphine-induced Straub tail
5-HT$_3$ receptor antagonists; κ-Opioid receptor agonists (Hasegawa, Y. (190) 399)

Morphine tolerance
β-Endorphin; Cortisol; Naloxone-induced withdrawal (Martínez, J.A. (182) 117)

Motor activity
Morphine; Withdrawal; Electrical stimulation (Dougherty, P.M. (175) 187)

Flunarizine; Cocaine; (−)-Sulpiride; Microdialysis; [^{3}H]Spiperone binding (Pani, L. (190) 223)

Motor nerve ending
Neostigmine; Ca^{2+} channel blocking agents; Neuromuscular junction; Phenytoin; Fasciculation; Anticholinesterase agents (Raines, A. (173) 11)

Mouthing
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; mCPP (1-(3-chlorophenyl)piperazine); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT receptor subtypes (Frambes, N.A. (182) 9)

Movement disorders
σ Receptors; Dopamine D-2 receptors; Haloperidol metabolites; Phosphoinositide turnover; Muscarinic acetylcholine receptors (Bowen, W.D. (177) 111)

MPDP$^+$ (1-methyl-4-phenyl-1,3-dihydropyridine)
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); MPP$^+$ (1-methyl-4-phenylpyridine); Neurotoxicity; Flavin-containing monooxygenase; N-Methylmercaptoimidazole (Chiba, K. (180) 59)

MPP$^+$ (1-methyl-4-phenylpyridine)
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Substantia nigra; Circling behaviour; Ageing; (Supersensitivity) (Lange, K.W. (175) 57)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); MPDP$^+$ (1-methyl-4-phenyl-1,3-dihydropyridine); Neurotoxicity; Flavin-containing monooxygenase; N-Methylmercaptoimidazole (Chiba, K. (180) 59)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine)
MPP$^+$ (1-methyl-4-phenylpyridine); Substantia nigra; Circling behaviour; Ageing; (Supersensitivity) (Lange, K.W. (175) 57)

Reserpine; Noradrenaline; Colon; (Mouse) (Hanani, M. (175) 273)

Dopamine D-1 receptors; Dopamine D-2 receptors; Parkinson; (Monkey) (Gagnon, C. (178) 115)

$MPDP^+$ (1-methyl-4-phenyl-1,3-dihydropyridine); MPP^+ (1-methyl-4-phenylpyridine); Neurotoxicity; Flavin-containing monooxygenase; N-Methylmercaptoimidazole (Chiba, K. (180) 59)

Dopamine D_1 receptors; Dopamine D_2 receptors; Striatum; Receptor up-regulation (Weihmuller, F.B. (180) 369)

2′-Methyl-MPTP (1-methyl-4-(2′-methylphenyl)-1,2,3,6-tetrahydropyridine); Substantia nigra; Dopamine; (Marmoset) (Rose, S. (181) 97)

Tyrosine hydroxylase; Aromatic L-amino acid decarboxylase (AAAD); Striatum; GM1 ganglioside (Hadjiconstantinou, M. (181) 137)

Dopamine D_1 receptors; Dopamine D_2 receptors; Bromocriptine; SK&F 38393; Dyskinesia (Monkey) (Rouillard, C. (185) 209)

MR 2266
Morphine; Analgesia; Hyperthermia; Tolerance; MR 2267; κ Opiate receptor antagonists; (Stereospecificity) (Bhargava, H.N. (173) 159)

MR 2267
Morphine; Analgesia; Hyperthermia; Tolerance; MR 2266; κ Opiate receptor antagonists; (Stereospecificity) (Bhargava, H.N. (173) 159)

MSH (melanocyte stimulating hormone) receptors
Melanocortins; Lacrimal glands; Secretion; Neurotransmitters (Leiba, H. (181) 71)

Mucosa
κ Opioid receptors; Ileum myenteric plexus (guinea-pig); Circular muscle (Dissanayake, V.U.K. (182) 73)

Mucus physicochemical qualities
Colloidal bismuth subcitrate; Gastric mucosal protection; (Rat) (Piotrowski, J. (184) 55)

Mucus secretion
Neurokinin A; Neurokinin B; Submucosal gland; Respiratory tract fluid; Substance P; Enkephalinase (Rogers, D.F. (174) 283)

Muscarinic acetylcholine receptor agonists
YM796; YM954; Muscarinic M_1 receptors; Muscarinic M_2 receptors; Learning behaviour (Wanibuchi, F. (187) 479)

Muscarinic acetylcholine receptors
Myenteric plexus; Smooth muscle; Presynaptic receptors (Kostka, P. (173) 35)

σ Receptors; Dopamine D-2 receptors; Haloperidol metabolites; Movement disorders; Phosphoinositide turnover (Bowen, W.D. (177) 111)

Gastric parietal cells; Pirenzepine; AF-DX 116 (Kajimura, M. (178) 59)

Sino-atrial node; Atrium; Guanine nucleotides; Phospholipase; N-Ethylmaleimide (Braun, A.P. (189) 201)

Adenylate cyclase; Calmodulin; Cortical slices; (Depolarization) (Zhou, X.-M. (189) 327)

Endoglycosidase F; Deglycosylation; G-proteins (Ohara, K. (189) 341)

Muscarinic cholinoceptors
Carbamazepine; Electroconvulsive shock; G-proteins; β-Adrenoceptors (Avissar, S. (189) 99)

Muscarinic M_2/M_3-specific receptor antagonists
Oesophageal muscularis mucosae (guinea-pig); Muscarinic receptor subtypes; Pirenzepine analogs (Barocelli, E. (179) 89)

Muscarinic M_1 receptors
Carbachol-induced drinking; Muscarinic receptor antagonists; Muscarinic receptor subtypes; Muscarinic M_2 receptors; Muscarinic M_3 receptors (Polidori, C. (179) 159)

Kinetics of blockade; Telenzepine enantiomers; Vas deferens; (Rabbit) (Eltze, M. (180) 161)

Tetrahydroaminoacridine; Physostigmine; Nicotinic receptors; Muscarinic M_2 receptors; (Subchronic treatment); (Rat) (Nilsson-Håkansson, L. (186) 301)

Muscarinic acetylcholine receptor agonists; YM796; YM954; Muscarinic M_2 receptors; Learning behaviour (Wanibuchi, F. (187) 479)

Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Muscarinic M_2 receptors
Aspartic acid release; Hippocampus (rat); Synaptosomes (superfused); AF-DX 116 (Raiteri, M. (177) 181)

Carbachol-induced drinking; Muscarinic receptor antagonists; Muscarinic receptor subtypes; Muscarinic M_1 receptors; Muscarinic M_3 receptors (Polidori, C. (179) 159)

Tetrahydroaminoacridine; Physostigmine; Nicotinic receptors; Muscarinic M_1 receptors; (Subchronic treatment); (Rat) (Nilsson-Håkansson, L. (186) 301)

Muscarinic acetylcholine receptor agonists; YM796; YM954; Muscarinic M_1 receptors; Learning behaviour (Wanibuchi, F. (187) 479)

Muscarinic M_1 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Muscarinic M_3 receptors
Carbachol-induced drinking; Muscarinic receptor antagonists; Muscarinic receptor subtypes; Muscarinic M_1 receptors; Muscarinic M_2 receptors (Polidori, C. (179) 159)

Propylbenzilylcholine mustard-sensitive cholinoceptors; Propylbenzilylcholine mustard-insensitive cholinoceptors; Cytosolic Ca^{2+} (Takayanagi, I. (187) 139)

Muscarinic M_4 receptors
Muscarinic M_1 receptors; Muscarinic M_2 receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Muscarinic M_3-selective receptor antagonists
Muscarinic receptor subtypes; p-Fluoro-hexahydro-sila-difenidol; Ear artery (rabbit); Coronary artery (bovine); Vascular endothelium; Smooth muscle (vascular) (Duckles, S.P. (185) 227)

Muscarinic receptor agonists
Muscarinic receptor subtypes; Muscarinic receptor antagonists; Cerebral artery (cat); Endothelium-dependent relaxation (Dauphin, F. (178) 203)

Muscarinic receptors; Hypothermia; Salivation; Oxadiazoles; (Efficacy); (Central muscarinic activity); (Ex vivo binding) (Freedman, S.B. (187) 193)

Muscarinic receptor antagonists
Muscarinic receptor subtypes; Labial salivary gland (human) (Mei, L. (176) 367)

Muscarinic receptor subtypes; Muscarinic receptor agonists; Cerebral artery (cat); Endothelium-dependent relaxation (Dauphin, F. (178) 203)

Carbachol-induced drinking; Muscarinic receptor subtypes; Muscarinic M_1 receptors; Muscarinic M_2 receptors; Muscarinic M_3 receptors (Polidori, C. (179) 159)

Muscarinic receptor antagonists (cardioselective)
Himbacine (Darroch, S.A. (182) 131)

Muscarinic receptors
Hypothermia; Salivation; Central nervous system (CNS); Brain penetration; (Ex vivo binding) (Freedman, S.B. (174) 253)

Oxotremorine-M; Olfactory cortex slice; Surface field potential (N-wave); (Guinea-pig) (Bagetta, G. (178) 91)

Himbacine; Allosteric interaction; Heart; Cardioselective agents (Lee, N.H. (179) 225)

Neuraminidase; Virus; Parainfluenza; Lung (Fryer, A.D. (181) 51)

Mequitamium iodide; LG 30435; (Receptor binding) (Renzetti, A.R. (182) 413)

Sympathetic ganglion; (Guinea-pig) (Roberts, K.E. (186) 257)

Endothelial cells; Coronary artery (bovine); Receptor blockade (irreversible); [^{3}H]N-Methylscopolamine (Brunner, F. (187) 145)

Muscarinic receptor agonists; Hypothermia; Salivation; Oxadiazoles; (Efficacy); (Central muscarinic activity); (Ex vivo binding) (Freedman, S.B. (187) 193)

Primary cultured neurons; Up-regulation; Second messenger systems; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Inositol monophosphate; cAMP; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

Receptor classification; Schild analysis; Receptor coupling (Kenakin, T.P. (191) 39)

Receptor classification; Schild analysis; Pirenzepine; (Resultant analysis) (Boselli, C. (191) 49)

Muscarinic receptors (stereoselectivity)
Muscarinic M_1 receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine (Waelbroeck, M. (189) 135)

Muscarinic receptor subtypes
Cyproheptadine; (Selectivity, Functional studies) (Eltze, M. (173) 219)

Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Scopolamine; Aorta (rabbit) (Manjeet, S. (174) 99)

4-DAMP (4-diphenylacetoxy-N-methyl-piperidine methiodide); Ileum (longitudinal) (Michel, A.D. (176) 197)

Muscarinic receptor antagonists; Labial salivary gland (human) (Mei, L. (176) 367)

Muscarinic receptor agonists; Muscarinic receptor antagonists; Cerebral artery (cat); Endothelium-dependent relaxation (Dauphin, F. (178) 203)

Islets of Langerhans (rat); Insulin; Glucagon (Verspohl, E.J. (178) 303)

Oesophageal muscularis mucosae (guinea-pig); Muscarinic M_2/M_3-specific receptor antagonists; Pirenzepine analogs (Barocelli, E. (179) 89)

Carbachol-induced drinking; Muscarinic receptor antagonists; Muscarinic M_1 receptors; Muscarinic M_2 receptors; Muscarinic M_3 receptors (Polidori, C. (179) 159)

Gallamine; Methoctramine; Allosteric effects (Michel, A.D. (182) 335)

Muscarinic M_3-selective receptor antagonists; p-Fluoro-hexahydro-sila-difenidol; Ear artery (rabbit); Coronary artery (bovine); Vascular endothelium; Smooth muscle (vascular) (Duckles, S.P. (185) 227)

Phosphoinositide hydrolysis; Adenylate cyclase; Submandibular gland (Laniyonu, A. (188) 171)

Facial vein (simian); Cannula insertion method; Acetylcholine; Vasoconstriction (Chiba, S. (191) 311)

Muscimol
$GABA_A$ receptors (central); $GABA_B$ receptors (central); Baclofen; Bicuculline; Phaclofen; Gastric acid secretion; (Intracerebroventricular route); (Rat models) (Del Tacca, M. (177) 189)

[^{3}H]Muscimol autoradiography
$GABA_A$ receptors; Stomach (rat); Gastric mucosa (Erdö, S.L. (175) 351)

Muscimol binding
Progesterone; Pregnanes (López-Colomé, A.M. (176) 297)

Muscle damage
Dantrolene sodium; Exercise; Creatine kinase; Isoenzymes; Histology; Ca^{2+}; Sarcoplasmic reticulum (Amelink, G.J.H. (179) 187)

Myenteric plexus
Muscarinic acetylcholine receptors; Smooth muscle; Presynaptic receptors (Kostka, P. (173) 35)

Cholecystokinin (CCK); Acetylcholine release; L-364,718; Neuronal cholecystokinin receptors (Zelles, T. (178) 101)

Myocardial Ca^{2+}
Reperfusion; Arrhythmias; Myocardial Na^{2+}; Myocardial K^+; Myocardial Mg^{2+}; Heart (rat) (Tosaki, A. (191) 69)

Myocardial contractions
Isoproterenol infusion; Ca^{2+} channels; Forskolin (Bowling, N. (187) 155)

Myocardial depressant factor
Thromboxane A_2; Amino-nitrogen (plasma); Thromboxane B_2 (plasma); Cathepsin D activity (Karasawa, A. (182) 1)

Myocardial infarct
Milrinone; Heart failure; Hemodynamics; (Rat) (Schoemaker, R.G. (182) 527)

Myocardial ischemia
RP52891; Glyburide; 5-Hydroxydecanoate, sodium; K^+ channel activators (Grover, G.J. (191) 11)

Myocardial K^+
Reperfusion; Arrhythmias; Myocardial Na^{2+}; Myocardial Ca^{2+}; Myocardial Mg^{2+}; Heart (rat) (Tosaki, A. (191) 69)

Myocardial Mg^{2+}
Reperfusion; Arrhythmias; Myocardial Na^{2+}; Myocardial K^+; Myocardial Ca^{2+}; Heart (rat) (Tosaki, A. (191) 69)

Myocardial Na^{2+}
Reperfusion; Arrhythmias; Myocardial K^+; Myocardial Ca^{2+}; Myocardial Mg^{2+}; Heart (rat) (Tosaki, A. (191) 69)

Myocardium
Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Ischemia (Ferrari, R. (189) 149)

Myocardium (rat)
β-Adrenoceptor subtypes; Agonist-induced regulation; Isoprenaline (Lu, X. (182) 481)

Myocytes
Adenylate cyclase; β-Adrenoceptors; Desensitization; Noradrenaline (Jones, S.M. (191) 129)

Myocytes (guinea-pig, ventricular)
A7r5 rat aortic smooth muscle cell line; Patch clamp; $^{45}Ca^{2+}$ flux; (Binding) (Randle, J.C.R. (190) 85)

Myocytes (ventricular)
1389-S; Na^+ channel block (Hisatome, I. (179) 447)

Myoelectrical activity
Pertussis toxin; Morphine; Intestinal transit; ADP ribosylation (Parolaro, D. (177) 75)

Myometrium
Oxytocin receptors; Pregnancy; RU 486 (Alj, A.E. (186) 231)

Myotonia
Skeletal muscle (human); K^+ channel openers; Voltage clamp; Membrane conductance (Quasthoff, S. (186) 125)

N-0437
Dopamine receptor agonists; Stereoisomers; Food consumption; Yawning behaviour (Timmerman, W. (174) 107)

Aminotetralin; Dopamine DA_2 receptor agonists; Nictitating membrane (cat); (Enantiomers) (Crosson, C.E. (178) 351)

Dopamine D_2 receptor agonists; Schizophrenia; Antipsychotic action; Behavioural models; (Stereoisomers); (Partial agonist) (Timmerman, W. (181) 253)

Na^+
Guanidinium ion; Na^+ channel; Anesthetics (local) (Reith, M.E.A. (188) 33)

Na^+ absorption
[Met^5]enkephalin; HCO_3^- secretion (electrogenic); Prostaglandin E_1 (Wehner, F. (178) 333)

Na^+-Ca^{2+} exchange
α_1-Adrenoceptors; Na^+/H^+ exchange; Cardiomyocytes (Iwakura, K. (186) 29)

Ouabain; Ca^{2+} dependence; Smooth muscle (vascular) contractions; Spontaneously hypertensive rats (SHR) (Shibata, R. (190) 147)

Monensin; Action potential; K^+ conductance (Tsuchida, K. (190) 313)

Verapamil; Bepridil; Amiloride; Mg^{2+}; Coronary artery (Maseki, T. (190) 355)

Na^+ channel block
1389-S; Myocytes (ventricular) (Hisatome, I. (179) 447)

Na^+ channels
Saxitoxin; Tetrodotoxin; Smooth muscle (venous) (Mironneau, J. (184) 315)

Anthopleurin-A; Tetrodotoxin; Lidocaine; (Supersensitivity) (Muramatsu, I. (186) 41)

Guanidinium ion; Na^+; Anesthetics (local) (Reith, M.E.A. (188) 33)

Na^+ excretion
Imidazoline; Vasopressin; Diuresis (Blandford, D.E. (174) 181)

Atriopeptin III; Spontaneously hypertensive rats (SHR); Goldblatt hypertension (2-K 1-C); Renal haemodynamics (Johns, E.J. (185) 125)

NaF
Inositol phospholipid breakdown; Adenylate cyclase; Phospholipase C; G-proteins; Carbachol; Li^+, K^+; Cerebral cortex (rat) (Tiger, G. (188) 51)

Na^+-H^+ exchange
α_1-Adrenoceptors; Na^+/Ca^{2+} exchange; Cardiomyocytes (Iwakura, K. (186) 29)

Li^+; HL-60 cells; Phorbol ester; Phosphoinositides (Bitran, J.A. (188) 193)

Naloxone
Halothane; Morphine; Contractility; Opioid receptors (Laorden, M.L. (175) 285)

Ulcer (experimental); Shay-model; Morphine; [D-Met^2, Pro^5]enkephalinamide (Till, M. (175) 355)

Immobilization (chronic); 5-HT_1 receptors; 5-MeODMT (5-methoxy-N,N-dimethyltryptamine); Morphine; β-Endorphin; (Adaptive change) (Cancela, L. (176) 313)

Paradoxical analgesia; Up-regulation; Morphine; Dependence (Suzuki, T. (178) 239)

Noxious inhibitory controls (diffuse); Nociceptive flexion reflex; Pain; Nociception; Opioids; (Human) (Willer, J.C. (182) 347)

Vasopressin; Oxytocin; SCH 23390; Neurotensin; Naloxone methobromide; Grooming behaviour (Van Wimersma Greidanus, T.B. (187) 1)

Analgesia; Formalin test; Pain; U-50,488H; WIN 44,441-3; κ Opioid receptors; Spinal cord (Pelissier, T. (190) 287)

Naloxone blockade
Analgesia; Hot-plate test; Tail-flick test; Writhing test (Domer, F. (177) 127)

Naloxone enantiomorphs
Opiate receptors; Stress; Blood pressure (high); β-Funaltrexamine; ICI 174,864 (Jiménez, I. (182) 155)

Naloxone-induced withdrawal
Morphine tolerance; β-Endorphin; Cortisol (Martínez, J.A. (182) 117)

Naloxone methobromide
Vasopressin; Oxytocin; SCH 23390; Neurotensin; Naloxone; Grooming behaviour (Van Wimersma Greidanus, T.B. (187) 1)

Naltrexamine bivalent ligands
μ-Opioid receptor antagonists; Antinociception; Analgesia; (Long acting) (Takemori, A.E. (186) 285)

Narcotic antagonists
Nitrous oxide; Analgesia; Opioid receptors (Quock, R.M. (175) 97)

Nasal mucosa
Allergic rhinitis; Blood flow; Bradykinin; (Nasal airway resistance, Nasal secretions) (Holmberg, K. (175) 35)

^{125}I-(−)-Cyanopindolol binding; β-Adrenoceptors; Autoradiography; (Rat) (Van Megen, Y.J.B. (182) 515)

[^{3}H]Rauwolscine binding; α_2-Adrenoceptors; (Non-linear non-specific binding); (Subtypes) (Van Megen, Y.J.B. (182) 561)

Na spikes
Antiepileptics; Anaesthetics (local); Ca spikes; Axons (non-myelinated) (Elliott, P. (175) 155)

ND/4 mouse
Luzindole (N-0774); Melatonin receptor antagonists; C3H/HeN mouse; C57BL/6J mouse; Forced swimming test (Dubocovich, M.L. (182) 313)

NE-19550
Nociceptors; Antinociception; Capsaicin; NE-21610 (Dray, A. (181) 289)

NE-21610
Nociceptors; Antinociception; Capsaicin; NE-19550 (Dray, A. (181) 289)

Nebivolol
Propranolol; Phentolamine; Adrenoceptors; Heart; Arterioles; (Rat) (Loots, W. (179) 177)

d-Nebivolol
l-Nebivolol; Spontaneously hypertensive rats (SHR); Arterial blood pressure; Heart rate (Xhonneux, R. (181) 261)

l-Nebivolol
d-Nebivolol; Spontaneously hypertensive rats (SHR); Arterial blood pressure; Heart rate (Xhonneux, R. (181) 261)

NECA (5′-N-ethylcarboxamide adenosine)
Sympathetic denervation; Trophic effects; Purines; Adenosine; Noradrenaline (Albino-Teixeira, A. (179) 141)

Adenosine; Adipose tissue (brown); Blood flow; R-PIA (N^6-R(−)-phenylisopropyladenosine) (Uchida, Y. (184) 223)

N1E-115 neuroblastoma cells
5-HT_3 receptors; GR65630 (Lummis, S.C.R. (189) 223)

5-HT_3 receptors; Radiation inactivation (Lummis, S.C.R. (189) 229)

Neo-intima
Atherosclerosis; 5-HT (5-hydroxytryptamine, serotonin); Hyperreactivity; (Rabbit) (De Meyer, G.R.Y. (187) 519)

Neostigmine
Ca^{2+} channel blocking agents; Neuromuscular junction; Phenytoin; Fasciculation; Motor nerve ending; Anticholinesterase agents (Raines, A. (173) 11)

Neostriatum
Dopamine D_1 receptors; Dopamine D_2 receptors; cGMP; Guanine nucleotides (Altar, C.A. (181) 17)

Amphetamine; Ascorbate; GBR 12909; Quinpirole; SK&F 38393; Voltammetry (in vivo) (Pierce, R.C. (191) 295)

Nerve stimulation
Neuropeptide Y (NPY); Noradrenaline; α,β-Methylene ATP; Ear artery (central); (Rabbit) (Saville, V.L. (176) 117)

Neural grafts
Nociception; Pain modulation; Enkephalinase; Chromaffin cells (Sagen, J. (179) 427)

Neuraminidase
Muscarinic receptors; Virus; Parainfluenza; Lung (Fryer, A.D. (181) 51)

Neuroblastoma
SH-SY5Y; [^{3}H]CTOP; μ Opioid receptors (Toll, L. (176) 213)

L-Glutamic acid; Voltage clamp; Excitatory amino acid (Van der Valk, J.B.F. (185) 99)

Neuroeffector transmission
Acetaldehyde; Excitatory junction potential; Vas deferens (Takeda, R. (186) 197)

Neurogenically mediated contraction
Basilar artery (dog); Thromboxane; GR32191; BM 13.177 (Connor, H.E. (174) 205)

Neurokinin A
Neurokinin B; Senktide; 5-HT release; Substance P; Spinal cord slices (ventral) (Franck, J. (174) 85)

Mucus secretion; Neurokinin B; Submucosal gland; Respiratory tract fluid; Substance P; Enkephalinase (Rogers, D.F. (174) 283)

Bronchi (human); K^+ channels; Cholinergic neural stimulation (Black, J.L. (180) 311)

Substance P; Smooth muscle cells; Vas deferens (rat); K^+ currents (Nakazawa, K. (182) 189)

Neurokinin B
Neurokinin A; Senktide; 5-HT release; Substance P; Spinal cord slices (ventral) (Franck, J. (174) 85)

Mucus secretion; Neurokinin A; Submucosal gland; Respiratory tract fluid; Substance P; Enkephalinase (Rogers, D.F. (174) 283)

Neurokinin receptors
Jugular vein; Substance P; (Selectivity); (Rabbit) (Nantel, F. (179) 457)

Neurokinins; Bradykinin; Spinal action; Vascular permeability; Vagal mechanism; (Selective agonists) (Jacques, L. (184) 9)

Neurokinins
Bronchus (human); Urinary bladder (human); NK-2 receptors; (Antagonists) (Dion, S. (178) 215)

Bradykinin; Neurokinin receptors; Spinal action; Vascular permeability; Vagal mechanism; (Selective agonists) (Jacques, L. (184) 9)

Neuroleptics
BMY 14802; Proenkephalin; Protachykinin; (In situ hybridization) (Angulo, J.A. (175) 225)

Manassantin A; Haloperidol; *Saururus cernuus*; Tranquilizer (major) (Rao, K.V. (179) 367)

Clozapine; 5-HT_3 receptor sites; [^{3}H]Q ICS 205-930; Brain (rat); Superior cervical ganglion (rat) (Watling, K.J. (182) 465)

Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Clozapine; Haloperidol; Ritanserin (Lappalainen, J. (190) 403)

β-Endorphin; β-Endorphin metabolism; Brain; (HPLC) (Konings, P.N.M. (191) 115)

Neuroleptics (chronic)
Haloperidol; Clozapine; Raclopride; Tardive dyskinesia; (Rodent models) (See, R.E. (181) 175)

Neurological deficits
YM-14673; TRH (thyrotropin-releasing hormone); Ischemic anoxia; Brain edema; Neuronal degeneration; (Rat) (Yamamoto, M. (181) 207)

Neuromedin-N
Neurotensin; Water absorption; Small intestine (Spokes, R.A. (175) 43)

Neuromuscular junction
Neostigmine; Ca^{2+} channel blocking agents; Phenytoin; Fasciculation; Motor nerve ending; Anticholinesterase agents (Raines, A. (173) 11)

Adenosine; TMB-8; Neurotransmitter release (Hunt, J.M. (178) 259)

Neuromuscular transmission
Nicotinic acetylcholine receptors (muscle); d-Tubocurarine; Erabutoxin b; Fade; End-plate potentials (Bradley, R.J. (176) 11)

Neuronal activity
Neurotensin; Axonal transport; γ-Butyrolactone; Dopamine release (Castel, M.-N. (186) 133)

Neuronal cholecystokinin receptors
Cholecystokinin (CCK); Acetylcholine release; L-364,718; Myenteric plexus (Zelles, T. (178) 101)

Neuronal degeneration
YM-14673; TRH (thyrotropin-releasing hormone); Ischemic anoxia; Neurological deficits; Brain edema; (Rat) (Yamamoto, M. (181) 207)

Neuronal plasticity
Adenylate cyclase activity; Dopamine receptors; Lisuride; SK &F 82526, Bromocriptine (Nisoli, E. (176) 85)

Neurons
GABA (γ-aminobutyric acid); Pentobarbitone; Bicuculline; Picrotoxin; Diazepam; Baclofen; GABA-benzodiazepine receptors; Ion channels; (Snail) (Kim, K.H. (182) 49)

Adamantane derivatives; Dizocilpine; Cerebral ischemia; Hypoxia; (Rat) (Seif el Nasr, M. (185) 19)

Neuropathy (peripheral)
Acrylamide; Melanocortins (Sporel-Özakat, R.E. (186) 181)

Neuropeptides
Grooming behaviour; SCH 23390; Sulpiride; SK&F 38393; Quinpirole (Van Wimersma Greidanus, T.B. (173) 227)

Vagal stimulation; (R)-α-Methylhistamine; Thioperamide (Ichinose, M. (174) 49)

Neuropeptides (sensory)
Bronchoconstriction; Capsaicin; Hexamethonium; Propranolol; Vagal stimulation (Del Monte, M. (180) 239)

Neuropeptide Y (NPY)
Intestine; 4-Aminopyridine; Atropine- and tetrodotoxin-resistant contraction; (Rabbit) (Cheng, J.-T. (174) 1)

α-Adrenoceptor blockade; β-Adrenoceptor blockade; Eye; Sympathetic nerve stimulation; Vasoconstriction (Granstam, E. (175) 175)

P_{2X} purine receptors; Suramin; ATP; Noradrenaline; Pithed rat (Urbanek, E. (175) 207)

Noradrenaline; α,β-Methylene ATP; Nerve stimulation; Ear artery (central); (Rabbit) (Saville, V.L. (176) 117)

Hypertension; Hypotension; NPY receptors; Tachyphylaxis (Grundemar, L. (179) 83)

Noradrenaline; Spinal cord; Sympathetic nervous system; Nociception (Donnerer, J. (181) 147)

Epilepsy; Kainic acid; Somatostatin; MK-801; Brain damage (Marksteiner, J. (181) 241)

Choroid plexus; Sympathetic nerves; Presynaptic regulation; VIP (vasoactive intestinal polypeptide); PHI (peptide histidine isoleucine) (Nilsson, C. (181) 247)

Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); Hypothalamus; Norepinephrine release; Hypertension (Tsuda, K. (182) 175)

Galanin; mRNA; Hybridization (in situ); Gene regulation; Locus coeruleus (Gundlach, A.L. (184) 163)

Pancreatic polypeptide; Vas deferens (rat); Pancreatic polypeptide receptors; Neuropeptide Y receptors; Peptide analogs (Jørgensen, J.C. (186) 105)

Cholecystokinin (CCK) peptides; Hypothalamus (Gourch, A. (187) 117)

Neuropeptide Y binding sites
Adrenal medulla (bovine) (Cherdchu, C. (173) 115)

Neuropeptide Y receptors
Neuropeptide Y (NPY); Pancreatic polypeptide; Vas deferens (rat); Pancreatic polypeptide receptors; Peptide analogs (Jørgensen, J.C. (186) 105)

Neuroprotection
Ischaemia; Kynurenic acid; MK-801 (Gill, R. (176) 143)

Neurotensin
Neuromedin-N; Water absorption; Small intestine (Spokes, R.A. (175) 43)

Neurotensin analogues; Blood pressure; Heart rate; Aorta (rat) (Di Paola, E.D. (175) 279)

Basal ganglia; Dopamine; Dynorphin A; 4-Methylaminorex; 5-HT (5-hydroxytryptamine, serotonin); Tryptophan hydroxylase; (Drug abuse) (Bunker, C.F. (180) 103)

Axonal transport; γ-Butyrolactone; Neuronal activity; Dopamine release (Castel, M.-N. (186) 133)

Vasopressin; Oxytocin; SCH 23390; Naloxone; Naloxone methobromide; Grooming behaviour (Van Wimersma Greidanus, T.B. (187) 1)

MK-801; NMDA (N-methyl-D-aspartate); Methamphetamine; Dopamine; Basal ganglia (Singh, N.A. (187) 337)

Neurotensin analogues
Neurotensin; Blood pressure; Heart rate; Aorta (rat) (Di Paola, E.D. (175) 279)

Neurotoxicity
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); $MPDP^+$ (1-methyl-4-phenyl-1,3-dihydropyridine); MPP^+ (1-methyl-4-phenylpyridine); Flavin-containing monooxygenase; N-Methylmercaptoimidazole (Chiba, K. (180) 59)

Excitatory amino acid; NMDA receptors; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Quinolinic acid (Madsen, U. (189) 381)

Neurotoxicity (mechanisms)
DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine); MAO B inhibition; Deprenyl; Parkinson's disease; Aging (Finnegan, K.T. (184) 119)

Neurotransmission
Endothelin; Sarafotoxin; Norepinephrine release; Mesenteric vascular bed; Hypertension (Han, S.-P. (177) 29)

Neurotransmission (inhibition of)
Angiotensin I; Angiotensin II; Ear artery (rabbit, isolated); Captopril; [Sar^1,Val^5,Ala^8]angiotensin II (Rónai, A.Z. (179) 281)

Neurotransmitter release
Cerebellum; Cell culture; Glutamate agonists (Rogers, K.L. (177) 195)

Adenosine; Neuromuscular junction; TMB-8 (Hunt, J.M. (178) 259)

Neurotransmitters
Melanocortins; MSH (melanocyte stimulating hormone) receptors; Lacrimal glands; Secretion (Leiba, H. (181) 71)

Neutrophil granulocytes (human)
PAF (platelet-activating factor, PAF-acether); Ca^{2+} channel blockers; PAF receptors; Degranulation; Superoxide production (Filep, J.G. (190) 67)

$(NH_4)_2SO_4$
$5\text{-}HT_3$ binding sites; (S-)[^{3}H]Zacopride; Sodium cholate; (Solubilization) (Gordon, J.C. (188) 313)

N^{ω}-Nitro-L-arginine
cGMP; EDRF (endothelium-derived relaxing factor); N^G-Monomethyl-L-arginine; Aortic endothelial cells (bovine); Lung fibroblast cells (fetal rat) (Ishii, K. (176) 219)

Nicardipine
Nimodipine; Verapamil; Ca^{2+}-free medium; Cerebral arteries; Vasoconstriction (Salom, J.B. (177) 1)

Nicotine
Nicotinic acetylcholine receptors; Acetylcholine; Acetylcholine analogue (Boksa, P. (173) 93)

Microdialysis; Acetylcholine; Choline; Scopolamine; Oxotremorine; Brain regions (Toide, K. (173) 133)

Mecamylamine; Somatostatin receptors; Brain; (Rat) (Barrios, V. (179) 263)

Noradrenaline; Locus coeruleus; Hippocampus; Hypothalamus (Mitchell, S.N. (179) 383)

Progesterone metabolites; Paired pulses; Hippocampus; GABA (γ-aminobutyric acid); (Seizure) (Luntz-Leybman, V. (185) 239)

Nicotinic acetylcholine receptors
Acetylcholine; Acetylcholine analogue; Nicotine (Boksa, P. (173) 93)

Nicotinic acetylcholine receptors (muscle)
d-Tubocurarine; Erabutoxin b; Fade; Neuromuscular transmission; End-plate potentials (Bradley, R.J. (176) 11)

Nicotinic acetylcholine receptor antagonists
Cortex (inferior collicular); Apamin; Seizures; Ca^{2+}-dependent K^+ channels (McCown, T.J. (187) 49)

Nicotinic receptors
Tetrahydroaminoacridine; Physostigmine; Muscarinic M_1 receptors; Muscarinic M_2 receptors; (Subchronic treatment); (Rat) (Nilsson-Håkansson, L. (186) 301)

Nictitating membrane (cat)
N-0437; Aminotetralin; Dopamine DA_2 receptor agonists; (Enantiomers) (Crosson, C.E. (178) 351)

Nifedipine
CGP 28392; BAY k 8644; Mg^{2+}; Ryanodine; Excitation-contraction coupling; Ca^{2+} release; Force-frequency relation; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

Ischaemia (global); Mitochondrial calcium; Mioflazine; Heart (guinea-pig, working) (Hugtenburg, J.G. (178) 71)

Cerebral blood flow; Antihypertensive drugs; Captopril; Propranolol; Spontaneously hypertensive rats (SHR) (Ooboshi, H. (179) 253)

Cromakalim; Ca^{2+} channels; K^+ channels; ^{86}Rb efflux; (Membrane potential) (McHarg, A.D. (185) 137)

Ca^{2+} channel antagonist; Anipamil; Verapamil; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Nigrostriatal dopamine neurons
Phencyclidine analogs; BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine); TCP (N-[1-(2-thiophenyl)cyclohexyl] piperidine); Electrophysiology; Microiontophoresis; (Rat) (Rouillard, C. (182) 227)

Nimodipine
Nicardipine; Verapamil; Ca^{2+}-free medium; Cerebral arteries; Vasoconstriction (Salom, J.B. (177) 1)

Behaviour; Ca^{2+} channel antagonists; Cocaine; Drug discrimination; (rat) (Callahan, P.M. (186) 143)

Diltiazem; Phencyclidine; EEG; Behaviour (Popoli, P. (191) 141)

[^{3}H]Nisoxetine
Norepinephrine; Uptake sites (Tejani-Butt, S.M. (191) 239)

Nitrate tolerance
Nitroglycerine; Nitric oxide (NO); cGMP; S-Nitroso-N-acetylpenicillamine; S-Nitrosothiols; (Kowaluk, E.A. (176) 91)

[^{3}H]Nitrendipine binding
Trimebutine; Smooth muscle (ileal); Taenia cecum; (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

[^{3}H]6-Nitroquipazine
5-HT uptake; Brain (rat) (Hashimoto, K. (180) 273)

5-HT uptake; Platelets (human) (Hashimoto, K. (187) 295)

Nitric oxide (NO)
EDRF (endothelium-derived relaxing factor); L-NMMA (N^G-monomethyl-L-arginine); L-Arginine; Gastric mucosal blood flow; Microcirculation (Pique, J.M. (174) 293)

Nitroglycerine; cGMP; S-Nitroso-N-acetylpenicillamine; S-Nitrosothiols: Nitrate tolerance (Kowaluk, E.A. (176) 91)

Cerebellum; NMDA (N-methyl-D-aspartate); Arginine; cGMP (East, S.J. (184) 311)

Acetylcholine analgesia; cGMP; Analgesia (peripheral) (Duarte, I.D.G. (186) 289)

Glyceryl trinitrate; Sodium nitroprusside; Smooth muscle cells (vascular); DNA synthesis; Growth (Nakaki, T. (189) 347)

Non-adrenergic non-cholinergic (NANC) neurotransmission; Ileum (canine); Ileocolonic junction (canine) (Boeckxstaens, G.E. (190) 239)

N^G-Methyl-L-arginine; Arterial pressure; Pithed rat (Vargas, H.M. (190) 393)

EDRF (release of); Endothelium-dependent relaxation; ANF (atrial natriuretic factor); Atherosclerosis (experimental); Hypercholesterolemia (Verbeuren, T.J. (191) 173)

Gastric fundus (rat); N^G-Monomethyl-L-arginine (L-NMMA); L-Arginine; Non-adrenergic, non-cholinergic transmission; Vasoactive intestinal polypeptide (VIP) (Li, C.G. (191) 303)

Substance P; Oedema; Blood flow; Microvascular permeability (Hughes, S.R. (191) 481)

Endotoxin; Vascular injury; Nitrovasodilators; N^G-Monomethyl-L-arginine (L-NMMA) (Boughton-Smith, N.K. (191) 485)

Nitroglycerine
Nitric oxide (NO); cGMP; S-Nitroso-N-acetylpenicillamine; S-Nitrosothiols; Nitrate tolerance (Kowaluk, E.A. (176) 91)

ANF (atrial natriuretic factor); Atrial peptides; Vascular sensitivity (De León, H. (182) 171)

Nitroprusside
Isoprenaline; cGMP; cAMP; Smooth muscle; Aorta (rat) (Maurice, D.H. (191) 471)

Nitroprusside (sodium)
ANF (atrial natriuretic factor); cGMP; cAMP; Peritoneal macrophages (human) (Houdijk, A.P. (179) 413)

S-Nitroso-N-acetylpenicillamine
Nitroglycerine; Nitric oxide (NO); cGMP; S-Nitrosothiols: Nitrate tolerance (Kowaluk, E.A. (176) 91)

S-Nitrosothiols
Nitroglycerine; Nitric oxide (NO); cGMP; S-Nitroso-N-acetylpenicillamine (Kowaluk, E.A. (176) 91)

Nitrous oxide
Analgesia; Opioid receptors; Narcotic antagonists (Quock, R.M. (175) 97)

Nitrovasodilators
cGMP; Polymorphonuclear leukocytes (Schröder, H. (182) 211)

Phosphodiesterase inhibitors; Zaprinast; Atrial natriuretic peptide (ANP); Spontaneously hypertensive rats (SHR); (Blood pressure) (Dundore, R.L. (185) 91)

Endotoxin; Nitric oxide (NO); Vascular injury; N^G-Monomethyl-L-arginine (L-NMMA) (Boughton-Smith, N.K. (191) 485)

NK-2 receptors
Neurokinins; Bronchus (human); Urinary bladder (human); (Antagonists) (Dion, S. (178) 215)

NMDA (N-methyl-D-aspartate)
MNQX (5,7-dinitro-quinoxaline-2,3-dione); Glycine antagonist; [^{3}H]GABA release; Spreading depression; (Electrophysiology) (Sheardown, M.J. (174) 197)

NMDA receptor antagonists; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); MK-801; Vestibular compensation (Darlington, C.L. (174) 273)

Alcohol withdrawal; Ethanol; Seizures; MK-801; Excitatory amino acid (Morrisett, R.A. (176) 103)

Ethanol dependence; MK-801; Withdrawal seizures; Ca^{2+} channels; (Mouse) (Grant, K.A. (176) 289)

Quisqualate; Kainate; σ Receptors; Hippocampus (dorsal) (Monnet, F.P. (179) 441)

Excitatory amino acid; Spinal cord; Nociception; Antinociception; Quisqualate (Raigorodsky, G. (182) 37)

GABA (γ-aminobutyric acid); Excitotoxicity; Glutamate; Quisqualate; Kainate; Cerebro-cortical culture (Erdő, S.L. (182) 203)

cis-2,4-Methanoglutamate; L-Glutamate; Oocytes; Hippocampal slices; (Radioligand binding) (Lanthorn, T.H. (182) 397)

AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Quisqualate; Excitatory amino acid; CGS-19755; LY233053; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

Phaclofen; Ethanol; ^{36}Cl influx; Picrotoxin; GABA receptor subtypes (Mehta, A.K. (182) 473)

Cerebellum; Nitric oxide (NO); Arginine; cGMP (East, S.J. (184) 311)

Antidepressants; ACPC (1-aminocyclopropanecarboxylic acid); MK-801; AP-7 (2-amino-7-phosphonoheptanoic acid) (Trullas, R. (185) 1)

β-N-Methylamino-alanine (BMAA); Kainate; AMPA (RS-α-amino-3-hydroxy-5-methyl-4-isoxazole propionate); Epilepsy; Amyotrophic lateral sclerosis (Smith, S.E. (187) 131)

MK-801; Methamphetamine; Neurotensin; Dopamine; Basal ganglia (Singh, N.A. (187) 337)

Ketamine; Chirality; Pain; Perception; Phencyclidine receptors; σ Receptors (Klepstad, P. (187) 513)

Vinpocetine; Cerebro-cortical culture; Excitotoxic cell death; Quisqualate; Kainate; Glutamate (Erdő, S.L. (187) 551)

Excitatory amino acid; Glutamate receptors; Glycine; MK-801 ((+)-5-methyl-10,11-dihydro-5H-dibenzo-[a,d]cyclohept-5,10-imine maleate) (Marvizón, J.-C.G. (188) 23)

Glycine; (Receptors) (Kaplita, P.V. (188) 175)

Polyamines; MK-801; Glutamate receptors; Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

Glutamate; Ca^{2+}; Kainate; Quisqualate; (Chick) (McMillian, M. (189) 253)

7-Chlorokynurenic acid; HA-966; Glycine; Spinal cord; Cortical wedge; (Electrophysiology) (Brugger, F. (191) 29)

Noradrenaline release; Hippocampus (rat); Synaptosomes (superfused); Glycine (Pittaluga, A. (191) 231)

NMDA (N-Methyl-D-aspartic acid)
Cerebellum; cGMP; Kainic acid; Quisqualic acid; Barbiturates; Drug dependence; Drug withdrawal (McCaslin, P.P. (173) 127)

NMDA receptor antagonists
NMDA (N-methyl-D-aspartate); CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); MK-801; Vestibular compensation (Darlington, C.L. (174) 273)

CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Quisqualate; Epilepsy; AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); (Epileptic chickens) (Pedder, S.C.J. (175) 85)

Spinal cord injury; Excitotoxins; 5-Hydroxytryptamine (5-HT, serotonin) (Faden, A.I. (175) 165)

Quaking mutant mice; Anticonvulsant effects (Mitrovic, N. (176) 357)

Epilepsy; Anticonvulsants; (DBA/2 mouse) (Chapman, A.G. (178) 97)

NMDA receptor competitive antagonists
Electrophysiology; CGP 37849; CGP 39551; AP5; Hippocampus; Substantia nigra; Spinal cord; (Rat) (Pozza, M.F. (182) 91)

NMDA receptors
Dopamine D-1 receptors; Quinolinic acid; MK-801; Excitotoxins; (Supersensitivity) (Norman, A.B. (176) 363)

Micturition reflex; Bladder voiding; MK-801; (Rat) (Maggi, C.A. (181) 105)

Ethanol withdrawal seizures; MK-801 binding; Genetics; Pharmacogenetics; (Selected mouse lines) (Valverius, P. (184) 185)

Amygdala; 4-Aminopyridine; Brain slices (Gean, P.-W. (184) 213)

Excitatory amino acid; Seizures; (Mouse) (Mathis, C. (185) 53)

Cortical neurons; Somatostatin; Zn^{2+}; D-Serine; Kynurenic acid (Tapia-Arancibia, L. (186) 319)

Glycine receptors; 7-Chlorokynurenic acid; Kynurenic acid; Bicuculline; Convulsions; Area tempestas; Glutamate; Epilepsy (Wardas, J. (187) 59)

Guanine nucleotides; Phencyclidine (PCP); Excitatory amino acid (Hood, W.F. (188) 43)

Glycine receptor; Receptor coupling; Glycine receptor antagonist; Glycine binding (Compton, R.P. (188) 63)

Brain (rat); Structure-activity relationship (SAR); MK-801; TCP (N-[1-(2-thienyl)cyclohexyl]piperidine); Phencyclidine derivatives (Nadler, V. (188) 97)

Ca^{2+} channels (voltage-operated); Ca^{2+} channels (second messenger-operated); Ca^{2+} influx; Ca^{2+} extrusion (Ciardo, A. (188) 417)

Glycine; Enantiomers; HA-966 (1-hydroxy-3-amino-pyrrolidone-2); Spermine (Pullan, L.M. (189) 237)

[^{3}H]Glycine; Glycine recognition site; Vinylglycine (Monahan, J.B. (189) 373)

Excitatory amino acid; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Quinolinic acid; Neurotoxicity (Madsen, U. (189) 381)

ACPC (1-aminocyclopropanecarboxylic acid); Glycine; Anxiolytics; Ultrasonic calls; Distress vocalizations (Winslow, J.T. (190) 11)

Ethanol; Aliphatic alcohols; Cerebral cortex (rat); Noradrenaline release (Fink, K. (191) 225)

NMDLA infusion
κ Opioid receptors; Glycine/NMDA receptors; NMDLA (N-methyl-DL-aspartate); Seizures (Singh, L. (191) 477)

NMDLA (N-methyl-DL-aspartate)
κ Opioid receptors; Glycine/NMDA receptors; NMDLA infusion; Seizures (Singh, L. (191) 477)

L-NMMA (N^G-monomethyl-L-arginine)
Nitric oxide (NO); EDRF (endothelium-derived relaxing factor); L-Arginine; Gastric mucosal blood flow; Microcirculation (Pique, J.M. (174) 293)

Mesenteric microcirculation; Acetylcholine; EDRF/NO (Fortes, Z.B. (182) 143)

Nociception
Norepinephrine; Serotonin; Dialysis (in vivo); Raphe nuclei (Bowker, R.M. (175) 101)

Pain modulation; Enkephalinase; Neural grafts; Chromaffin cells (Sagen, J. (179) 427)

Noradrenaline; Neuropeptide Y (NPY); Spinal cord; Sympathetic nervous system (Donnerer, J. (181) 147)

Excitatory amino acid; Spinal cord; Antinociception; NMDA (N-methyl-D-aspartate); Quisqualate (Raigorodsky, G. (182) 37)

Spinal cord; Flexor reflex; Substance P; Morphine; Unmyelinated afferents; (Intrathecal) (Xu, X.-J. (182) 137)

Noxious inhibitory controls (diffuse); Nociceptive flexion reflex; Pain; Opioids; Naloxone; (Human) (Willer, J.C. (182) 347)

Nociception (basal)
MDL 72832; Analgesia (defeat); 5-HT_{1A} receptor agonists; (Stereospecificity); (Mouse) (Rodgers, R.J. (182) 581)

Nociception (chemical-visceral)
Glycine; Morphine; Nociception (thermal) (Carrara, M. (179) 301)

Nociception (thermal)
Glycine; Morphine; Nociception (chemical-visceral) (Carrara, M. (179) 301)

Nociceptive flexion reflex
Noxious inhibitory controls (diffuse); Pain; Nociception; Opioids; Naloxone; (Human) (Willer, J.C. (182) 347)

Nociceptors
Antinociception; Capsaicin; NE-19550; NE-21610 (Dray, A. (181) 289)

Nociceptors (peripheral)
Capsaicin; Antinociception; Spinal cord; Substance P (Dickenson, A. (187) 225)

Node of Ranvier
Anti-epileptic drugs; Valproate; K^+ conductance; Voltage clamp; (Voltage-dependent inhibition) (Van Erp, M.G. (184) 151)

Nodose ganglion
Angiotensin II; 5-HT (5-hydroxytryptamine, serotonin); Saralasin; Depolarisation; Temperature sensitivity; (Rat) (Widdop, R.E. (185) 107)

Non-α-adrenoceptor site
Chloroethylclonidine; α_1-Adrenoceptors (Oriowo, M.A. (178) 243)

Non-adrenergic idazoxan binding sites
α_2-Adrenoceptors; Colocytes (Senard, J.M. (191) 59)

Non-adrenergic non-cholinergic (NANC) relaxation
ATP; Purinoceptors; Duodenum (rat) (Serio, R. (182) 487)

Non-adrenergic, non-cholinergic (NANC) responses (inhibitory)
Capsaicin; Airways (guinea-pig) (Stretton, C.D. (184) 333)

Non-adrenergic non-cholinergic (NANC) neurotransmission
Ileum (canine); Ileocolonic junction (canine); Nitric oxide (NO) (Boeckxstaens, G.E. (190) 239)

Non-adrenergic, non-cholinergic transmission
Gastric fundus (rat); N^G-Monomethyl-L-arginine (L-NMMA); L-Arginine; Nitric oxide (NO); Vasoactive intestinal polypeptide (VIP) (Li, C.G. (191) 303)

Non-adrenergic sites
α_2-Adrenoceptors; Imidazoline; Fat cells (rabbit); Lipolysis (Langin, D. (188) 261)

Non-benzodiazepine binding sites
[^{3}H]β-CCE ([^{3}H]β-carboline-3-carboxylic acid ethyl ester); Silver; Forebrain (rat) (Korneyev, A.Y. (173) 201)

Non-cholinergic transmission
Urinary bladder; Purinoceptor desensitization; α,β-Methylene ATP (Luheshi, G. (185) 203)

Non-competitive NMDA antagonists
Dextrorphan; Glycine; Glutamate; Brain; (Rat) (Franklin, P.H. (189) 89)

Non-steroidal anti-inflammatory drugs (NSAID)
Ca^{2+}; Prostaglandins; Smooth muscle (Jeremy, J.Y. (182) 83)

Ca^{2+} uptake; Platelets; Thromboxane A_2 (Gill, J. (187) 135)

Noradrenaline
Acetylcholine; Prejunctional supersensitivity; Cauda epididymis (rat); Vasectomy; (Denervation) (Ventura, S. (174) 227)

P_{2X} purine receptors; Suramin; ATP; Neuropeptide Y (NPY); Pithed rat (Urbanek, E. (175) 207)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Reserpine; Colon; (Mouse) (Hanani, M. (175) 273)

Neuropeptide Y (NPY); α,β-Methylene ATP; Nerve stimulation; Ear artery (central); (Rabbit) (Saville, V.L. (176) 117)

Microdialysis; Foot-shock; Diazepam (Rossetti, Z.L. (176) 229)

Uptake inhibitors; 5-Hydroxytryptamine (5-HT, serotonin); Dopamine; Aversion; Periaqueductal gray (Jenck, F. (177) 201)

Sympathetic denervation; Trophic effects; Purines; Adenosine; NECA (N-ethylcarboxamidoadenosine) (Albino-Teixeira, A. (179) 141)

Ethacrynic acid; Convulsions; Epilepsy (Inoue, M. (179) 221)

Nicotine; Locus coeruleus; Hippocampus; Hypothalamus (Mitchell, S.N. (179) 383)

Neuropeptide Y (NPY); Spinal cord; Sympathetic nervous system; Nociception (Donnerer, J. (181) 147)

Acetaldehyde; Adrenergic transmission; Contractile responses; Vas deferens (Takeda, R. (186) 189)

Capsaicin; Adrenal medulla; Catecholamines; Adrenaline; Sensory fibres (Zhou, X.-F. (186) 247)

Calcitonin gene-related peptide (CGRP); α,β-Methylene ATP; Sympathetic nerve stimulation; Ear artery (rabbit, central) (Maynard, K.I. (187) 171)

Vinpocetine; Cognitive-enhancing effects; Locus coeruleus; Unit activity (Gaál, L. (187) 537)

B-50 (GAP-43); Protein kinase C; Synaptosomes; Transmitter release (Dekker, L.V. (188) 113)

PI turnover; Endothelin-1; Atrium; (Rat) (Kuraja, I.J. (189) 299)

Adenylate cyclase; β-Adrenoceptors; Desensitization; Myocytes (Jones, S.M. (191) 129)

MDMA (3,4-methylenedioxymethamphetamine); Monoamine release; Brain slices (rat, superfused); 5-HT (5-hydroxytryptamine, serotonin); Dopamine (Fitzgerald, J.L. (191) 217)

Noradrenaline release
Pertussis toxin; α-Adrenoceptors (prejunctional); Kidney (Murphy, T.V. (179) 435)

NMDA receptors; Ethanol; Aliphatic alcohols; Cerebral cortex (rat) (Fink, K. (191) 225)

NMDA (N-methyl-D-aspartate); Hippocampus (rat); Synaptosomes (superfused); Glycine (Pittaluga, A. (191) 231)

[^{3}H]Noradrenaline release
PmP (1-(2-pyrimidinyl)piperazine); α_2-Adrenoceptors; [^{3}H]5-HT release; Synaptosomes (Gobbi, M. (180) 183)

Glycine; Strychnine-sensitive receptors; Hippocampal slices (rat); Hippocampal synaptosomes (rat); Serine (Raiteri, M. (184) 239)

Norepinephrine
Imipramine; Desipramine; Lithium; Pharmacokinetics (cerebral); Serotonin (Yoshida, T. (173) 143)

Serotonin; Nociception; Dialysis (in vivo); Raphe nuclei (Bowker, R.M. (175) 101)

α-Adrenoceptors; cAMP; Cerebral cortex (rat); Yohimbine; Clonidine (Kuno, N. (176) 281)

Artery; Peripheral resistance; Vascular resistance; Smooth muscle (vascular) (Nielsen, H. (179) 1)

Smooth muscle (vascular); Tail artery; Fura 2-Ca^{2+} signal; 5-HT (5-hydroxytryptamine, serotonin); Ca^{2+}; (Rat) (Thorin-Trescases, N. (179) 469)

α_2-Adrenoceptors; Ca^{2+} currents; Voltage-clamp (whole-cell); Sympathetic ganglion (Schofield, G.G. (180) 37)

Cocaine; Catecholamines (central); Dopamine; (Short- and long-term effects of cocaine) (Karoum, F. (186) 1)

Spontaneously hypertensive rats (SHR); Bepridil; Caffeine; Bepridol (methylated) (Fujimoto, S. (187) 469)

α_1-Adrenoceptors; Smooth muscle (vascular); Ca^{2+} (Han, C. (190) 97)

Uptake sites; [^{3}H]Nisoxetine (Tejani-Butt, S.M. (191) 239)

Norepinephrine release
Endothelin; Sarafotoxin; Neurotransmission; Mesenteric vascular bed; Hypertension (Han, S.-P. (177) 29)

Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); Hypothalamus; Neuropeptide Y (NPY); Hypertension (Tsuda, K. (182) 175)

CGRP (calcitonin gene-related peptide); Medulla oblongata; Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY) (Tsuda, K. (191) 101)

Norepinephrine turnover
Ganglionic blockade; Arterial pressure (mean); Vasoconstrictors; α-Methyl-p-tyrosine (Kline, R.L. (184) 109)

Norvaline^2-TRH
TRH (thyrotropin-releasing hormone); TRH analogs; (Receptor binding) (Vonhof, S. (180) 1)

Noxious inhibitory controls (diffuse)
Nociceptive flexion reflex; Pain; Nociception; Opioids; Naloxone; (Human) (Willer, J.C. (182) 347)

Noxious stimulation
U-50,488H; WIN 44,441-3; κ Opioid receptors; Dorsal horn cells; Analgesia (Hernández, A. (186) 323)

NPY receptors
Neuropeptide Y (NPY); Hypertension; Hypotension; Tachyphylaxis (Grundemar, L. (179) 83)

Nucleoside transport inhibition
Lidoflazine analogs; Erythrocytes (human) (Pirovano, I.M. (189) 419)

Nucleus accumbens
Cocaine; Striatum; Dopamine transporters (Boja, J.W. (173) 215)

[^{3}H]GBR 12935; GBR 12909; Cocaine; Mazindol; Dopamine uptake; Striatum (Berger, P. (177) 91)

(−)-Sulpiride; Forced swimming test; Desipramine; Fluphenazine; (Rat) (Cervo, L. (178) 129)

Striatum; Dopamine D_1 receptors; Dopamine D_2 receptors; Catalepsy (Ossowska, K. (182) 327)

Dopamine D_1 receptors; Dopamine D_2 receptors; Apomorphine; Jaw movements; Globus pallidus (Koshikawa, N. (182) 375)

5-HT_3 receptors; Dopamine; Ethanol; Striatum; Microdialysis (Wozniak, K.M. (187) 287)

Tyrosine hydroxylase; Dopamine D-1 receptors; Caudate nucleus; Substantia nigra; Hybridization (in situ) (Schalling, M. (188) 277)

Dopamine overflow/release; Microdialysis; β-Endorphin; μ/δ-Opioid receptor complex; (Intracerebroventricular); (Rat) (Spanagel, R. (190) 177)

Nucleus tractus solitarii
Inositol hexakisphosphate; Cardiorespiratory control; Inositol polyphosphates; (Extracellular signals) (Barraco, R.A. (173) 75)

Adenosine; Caffeine; Blood pressure regulation; Baroreflex (Mosqueda-Garcia, R. (174) 119)

Quipazine; Autoradiography (receptor); Anti-emetic activity; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_3 receptors (Perry, D.C. (187) 75)

Obidoxime
Acetylcholine esterase reactivators; Diaphragm; HI 6; HLö 7; Pralidoxime (Alberts, P. (184) 191)

Octopamine receptors
Adrenoceptors; (Insect); (Locust) (Roeder, T. (191) 221)

Oedema
Substance P; Nitric oxide (NO); Blood flow; Microvascular permeability (Hughes, S.R. (191) 481)

Oesophageal muscularis mucosae (guinea-pig)
Muscarinic receptor subtypes; Muscarinic M_2/M_3-specific receptor antagonists; Pirenzepine analogs (Barocelli, E. (179) 89)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
5-Hydroxytryptamine (5-HT, serotonin); Ipsapirone; Purkinje cells; Cerebellar; (In vitro) (Darrow, E.J. (175) 145)

Acetylcholine release; Body temperature; EEG; (Rat); (Guinea-pig) (Siniscalchi, A. (175) 219)

BMY 7378; 5-HT_{1A} receptors; Microdialysis; 5-HT-mediated behaviour; 5-HT release (Sharp, T. (176) 331)

Copulatory behaviour; Exploratory behaviour; (Long-term treatment); (Male rat) (Johansson, C.E. (178) 1)

5-HT_{1A} receptors; Behaviour; (Monkey) (Mizuta, E. (178) 125)

5-HT_{1A} receptor agonists; Antidepressants; Electrical stimulation; 5-Hydroxytryptamine (5-HT, serotonin) (Beer, M. (178) 179)

5-HT_{1A} receptors; Adrenaline; Glycemia; Pentobarbital anaesthesia (Chaouloff, F. (180) 175)

Adrenal glands; Insulin; Glucose; Cardiovascular system (rat) (Bouhelal, R. (181) 89)

5-HT_{1A} receptors; BP-554; Corticosterone; ACTH; Hypothermia (Matsuda, T. (181) 295)

Ipsapirone; mCPP (1-(3-chlorophenyl)piperazine); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT receptor subtypes; Mouthing (Frambes, N.A. (182) 9)

Flesinoxan; Dorsal raphe nucleus; Hypotension; Bradycardia; 5-HT_{1A} receptors; (Conscious rat) (Connor, H.E. (182) 63)

Morphine; Tolerance-dependence; Abstinence; 5-HT_{1A} receptors; Brain regions; Spinal cord; Hypothermia (Gulati, A. (182) 253)

5-HT_{1A} receptors; Adrenaline; Glycemia; Corticosterone; Hexamethonium; Ganglionic blockade (Chaouloff, F. (185) 11)

Blood pressure; Heart rate; 5-HT_{1A} receptors; Cardiac vagal tone; Sympathetic outflow (central); (Anaesthetised rabbit) (Shepheard, S.L. (186) 267)

CRF (corticotropin-releasing factor); 5-HT_{1A} receptors; Ipsapirone; (Neuroendocrine) (Owens, M.J. (190) 113)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; ICI 169,369; Ritanserin; TFMPP (1-[3-(trifluoromethyl)phenyl] piperazine); Tail-flicks (spontaneous); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Bervoets, K. (191) 185)

1-Oleoyl-2-acetyl-sn-glycerol
Adenosine; Protein kinase C; Polymyxin B; Smooth muscle (vascular) (Serban, D.N. (180) 377)

Olfactory cortex slice
Oxotremorine-M; Surface field potential (N-wave); Muscarinic receptors; (Guinea-pig) (Bagetta, G. (178) 91)

Omeprazole
Gastric acid secretion; Ranitidine; (Rat) (Seensalu, R. (180) 145)

H^+/K^+-ATPase; Parietal cells; Hoe 731; S 4216 (Beil, W. (187) 455)

Ondansetron (GR38032F)
Benzodiazepines; Dependence; Withdrawal; 5-HT_3 receptors; (Rat) (Goudie, A.J. (185) 179)

Gastric emptying; 5-HT_3 receptors; Protein meals (Forster, E.R. (191) 235)

ONO NT-126
Thromboxane A_2 receptors; Phosphoinositide hydrolysis; Astrocytoma cells (Nakahata, N. (184) 233)

Ontogeny
Locomotor activity; Grooming; Dopamine D_1 receptors; Dopamine D_2 receptors; (Rat pups) (McDougall, S.A. (186) 223)

Oocytes
cis-2,4-Methanoglutamate; L-Glutamate; NMDA (N-methyl-D-aspartate); Hippocampal slices; (Radioligand binding) (Lanthorn, T.H. (182) 397)

Oocytes (*Xenopus*)
Bifemelane; Idebenone; Vinpocetine; Ca^{2+} channels; Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Open-field
Forced swimming test; Picrotoxin; Imipramine; Desipramine; $GABA_A$-benzodiazepine-Cl complex (Fernández-Teruel, A. (181) 35)

Open-field test
Chlordiazepoxide; Diazepam; Benzodiazepines; Anxiolytics; (Rat) (Bruhwyler, J. (187) 547)

Opiate analgesia
CCK receptor antagonists; L-365,260; L-365,031; CCK-B receptors; Opiate tolerance; (Rat) (Dourish, C.T. (176) 35)

κ-Opiate receptor antagonists
Morphine; Analgesia; Hyperthermia; Tolerance; MR 2266; MR 2267; (Stereospecificity) (Bhargava, H.N. (173) 159)

Opiate receptors
Stress; Blood pressure (high); Naloxone enantiomorphs; β-Funaltrexamine; ICI 174,864 (Jiménez, I. (182) 155)

κ-Opiate receptors
α_2-Adrenoceptors; Ca^{2+} channels (N-type) (Adamson, P. (174) 63)

Opiate tolerance
CCK receptor antagonists; L-365,260; L-365,031; CCK-B receptors; Opiate analgesia; (Rat) (Dourish, C.T. (176) 35)

Opioid affinity
β-Chlornaltrexamine; Ileum (guinea-pig); Vas deferens (mouse) (Porreca, F. (179) 129)

Opioid ontogeny
U-69593; κ Opioid receptor binding (Kitchen, I. (175) 93)

δ-Opioid receptor agonists
Antinociception; Morphine; Tolerance (Jiang, Q. (186) 137)

κ-Opioid receptor agonists
Morphine-induced Straub tail; 5-HT_3 receptor antagonists (Hasegawa, Y. (190) 399)

μ-Opioid receptor antagonists
Naltrexamine bivalent ligand8; Antinociception; Analgesia; (Long acting) (Takemori, A.E. (186) 285)

κ-Opioid receptor binding
U-69593; Opioid ontogeny (Kitchen, I. (175) 93)

μ/δ-Opioid receptor complex
Dopamine overflow/release; Microdialysis; β-Endorphin; Nucleus accumbens; (Intracerebroventricular); (Rat) (Spanagel, R. (190) 177)

Opioid receptors
Enantiomers; μ Opioid receptor selectivity; κ Opioid receptor selectivity (Meecham, K.G. (173) 151)

Place conditioning; β-Endorphin; CTOP (D-Pen-Cys-Tyr-D-Trp-Orn-Thr-Pen-Thr-NH_2); ICI 174,864; (Reinforcement) (Bals-Kubik, R. (175) 63)

Nitrous oxide; Analgesia; Narcotic antagonists (Quock, R.M. (175) 97)

Halothane; Morphine; Contractility; Naloxone (Laorden, M.L. (175) 285)

Seizures; Analgesia; Morphine; Intrathecal administration; (Non-opioid effects) (Yoburn, B.C. (176) 63)

Heart; Sensory nerves; DAGO ([D-Ala^2,N-$MePhe^4$,Gly^5-ol] enkephalin); DADLE ([D-Ala^2,D-Leu^5]enkephalin) (Mantelli, L. (180) 325)

Adrenal medulla (bovine); Computer modeling; κ Opioid receptors (Pesce, G.O. (182) 429)

Photolabelling; Azido and diazonium photoprobes; Carfentanil derivatives (Galzi, J.-L. (188) 321)

Morphine derivatives; Dimerization; Conformation; (Synthesis); (Pharmacology) (Yara, H. (188) 359)

δ-Opioid receptors
Enkephalin analogs; Vas deferens (mouse); Brain (rat) (Vaughn, L.K. (177) 99)

μ Opioid receptors; Esophageal sphincter (lower); Enteric neurons; Sphincteric relaxation (Barnette, M.S. (182) 363)

κ-Opioid receptors
Ileum myenteric plexus (guinea-pig); Circular muscle; Mucosa (Dissanayake, V.U.K. (182) 73)

Adrenal medulla (bovine); Opioid receptors; Computer modeling (Pesce, G.O. (182) 429)

U-50,488H; WIN 44,441-3; Dorsal horn cells; Noxious stimulation; Analgesia (Hernández, A. (186) 323)

Cough reflex; U-50,488H; U-62,066E; Antitussives; 5-HT_1 receptors (Kamei, J. (187) 281)

Analgesia; Formalin test; Pain; U-50,488H; Naloxone; WIN 44,441-3; Spinal cord (Pelissier, T. (190) 287)

Glycine/NMDA receptors; NMDLA (N-methyl-DL-aspartate); NMDLA infusion; Seizures (Singh, L. (191) 477)

μ-Opioid receptors
Tolerance; Vas deferens (mouse); (pA_2) (Takemori, A.E. (174) 267)

Neuroblastoma; SH-SY5Y; [^{3}H]CTOP (Toll, L. (176) 213)

δ Opioid receptors; Esophageal sphincter (lower); Enteric neurons; Sphincteric relaxation (Barnette, M.S. (182) 363)

κ-Opioid receptor selectivity
Opioid receptors; Enantiomers; μ Opioid receptor selectivity (Meecham, K.G. (173) 151)

μ-Opioid receptor selectivity
Opioid receptors; Enantiomers; κ Opioid receptor selectivity (Meecham, K.G. (173) 151)

κ-Opioid receptors (multiple)
Cerebellum (guinea-pig); [^{3}H]U69593; [^{3}H]Bremazocine; (Binding studies) (Tiberi, M. (188) 379)

Opioid receptor subtypes
Dopamine release; Acetylcholine release; Brain slices (rat); Limbic brain areas (Heijna, M.H. (181) 267)

Opioids
Antidiarrheals; Gastrointestinal propulsion; Analgesia; Gut motility; Gut selectivity; (In vivo); (Rat) (Megens, A.A.H.P. (178) 357)

cAMP; Ileum (guinea-pig) (Johnson, S.M. (180) 331)

Noxious inhibitory controls (diffuse); Nociceptive flexion reflex; Pain; Nociception; Naloxone; (Human) (Willer, J.C. (182) 347)

β-Endorphin; Dynorphin; Smooth muscle (airway); Parasympathetic contraction (Horii, S. (182) 497)

Spinal cord; Flexor reflex; Spinal cord injury (Hao, J. (191) 407)

U-50,488H; Formalin; Antinociception (Haley, J. (191) 437)

κ-Opioids
μ Opioids; Tolerance/cross-tolerance; Schedule-controlled behavior; Squirrel monkeys (Doty, P. (174) 171)

μ-Opioids
κ Opioids; Tolerance/cross-tolerance; Schedule-controlled behavior; Squirrel monkeys (Doty, P. (174) 171)

Optic tectum
GABA (γ-aminobutyric acid); Glycine; Ammonium; Penicillin; Cl^- transport; Excitatory synaptic transmission (Mazda, G.Y. (179) 111)

Oral dyskinesia
Tardive dyskinesia; Haloperidol (intermittent); Zuclopenthixol (intermittent); Sensitization (pharmacological); Drug holidays (rat); (Animal models) (Glenthøj, B. (190) 275)

Oral hyperkinesia
Dopamine D_1 receptor agonists; Dopamine D_1 receptor antagonists; Dopamine D_2 receptor agonists; Dopamine D_2 receptor antagonists; Dystonia; Reactivity; (Monkey) (Peacock, L. (186) 49)

Orosensory stimuli
Dopamine; Dopamine D_2 receptors; Reward; Sucrose; Lick patterns; (Sweet taste); (Water) (Schneider, L.H. (186) 61)

Ouabain
Ca^{2+}; Ca reversal; EGTA; Smooth muscle; Stomach (Karibe, H. (182) 273)

Ca^{2+} dependence; Smooth muscle (vascular) contractions; Spontaneously hypertensive rats (SHR); Na^+-Ca^{2+} exchange (Shibata, R. (190) 147)

Ovarian steroids
Uterine-smooth muscle; β_2-Adrenoceptors; Forskolin; Isoprenaline; Pregnancy (Hall, S. (184) 33)

Oxadiazoles
Muscarinic receptor agonists; Muscarinic receptors; Hypothermia; Salivation; (Efficacy); (Central muscarinic activity); (Ex vivo binding) (Freedman, S.B. (187) 193)

Oxidative phosphorylation
Phosphate (inorganic, P_i); Carnitine; Cardiac mitochondria; Adenine nucleotide translocase (Duan, J. (189) 163)

Oxotremorine
Microdialysis; Acetylcholine; Choline; Scopolamine; Nicotine; Brain regions (Toide, K. (173) 133)

Oxotremorine-M
Olfactory cortex slice; Surface field potential (N-wave); Muscarinic receptors; (Guinea-pig) (Bagetta, G. (178) 91)

Oxyphenbutazone ulcer
Captopril; Indomethacin; Ethanol ulcer; Sulfhydryl (Bhounsule, S.A. (177) 87)

Oxytocin
Sexual behaviour (male); Aging; Sexual decline; (Rat) (Arletti, R. (179) 377)

Apomorphine; Dopamine receptor antagonists; Brain areas; Radioimmunoassay; (Rat) (Melis, M.R. (182) 101)

Vasopressin; SCH 23390; Neurótensin; Naloxone; Naloxone methobromide; Grooming behaviour (Van Wimersma Greidanus, T.B. (187) 1)

Oxytocin analogues (radiolabelled)
Uterus (human); Oxytocin receptors; Vasopressin receptors; Vasopressin analogues (radiolabelled); Pregnancy (Tence, M. (191) 427)

Oxytocin receptors
Myometrium; Pregnancy; RU 486 (Alj, A.E. (186) 231)

Vasopressin receptors; Phosphatidylinositol turnover; Mammary gland; Uterus; L-365,209 (Pettibone, D.J. (188) 235)

Uterus (human); Vasopressin receptors; Vasopressin analogues (radiolabelled); Oxytocin analogues (radiolabelled); Pregnancy (Tence, M. (191) 427)

Ozolinone
Stereospecificity; Loop diuretic; Lithium clearance; Renal haemodynamics; Sodium reabsorption (proximal, distal) (Shalmi, M. (180) 69)

Pacemaker currents
Bradycardiac agents; Use dependence; Voltage dependence; Frequency dependence; (Electrophysiology) (Van Bogaert, P.P. (187) 241)

PAF (platelet-activating factor, PAF-acether)
Lung epithelial cell line (human); Phorbol myristate acetate; Ionophore A23187 (Salari, H. (175) 253)

Kidney; Vasodilatation; Albumin (Gerkens, J.F. (177) 119)

Pro-opiomelanocortin; Hypothalamo-pituitary-adrenal axis; Pro-opiomelanocortin-related neuropeptides (Blasquez, C. (177) 145)

Verapamil; Phosphatidic acid; Polyphosphoinositides; Thrombin (Homa, S.T. (182) 457)

Thromboxane synthetase inhibitor; Airway hyperresponsiveness; Thromboxane A_2; FMLP (formyl-methionyl-leucyl-phenylalanine); Antigen (Komatsu, H. (184) 87)

Prostaglandin I_2; Thromboxane A_2; Dental pulp; Signal transduction; (Rat); (Receptors) (Hirafuji, M. (185) 81)

Endothelin; BN 52021; Trachea; Bronchi (upper); (Guinea-pig) (Battistini, B. (186) 307)

Trachea (guinea-pig); Epithelium; Prostaglandins; (Relaxation) (Conroy, D.M. (186) 315)

Endothelin; Plasminogen activator (tissue-type); Von Willebrand factor; Ca^{2+} channel antagonists; (Secretion) (Pruis, J. (187) 105)

Astrocyte; Ca^{2+}; Phosphoinositides; (Trauma); (Receptor) (Murphy, S. (188) 399)

Ca^{2+} channel blockers; PAF receptors; Degranulation; Superoxide production; Neutrophil granulocytes (human) (Filep, J.G. (190) 67)

Allergic conjunctivitis; Leukotriene D_4 receptor antagonists; MK-571; Leukotriene D_4 (Chan, C.-C. (191) 273)

PAF receptors
PAF (platelet-activating factor, PAF-acether); Ca^{2+} channel blockers; Degranulation; Superoxide production; Neutrophil granulocytes (human) (Filep, J.G. (190) 67)

Pain
Noxious inhibitory controls (diffuse); Nociceptive flexion reflex; Nociception; Opioids; Naloxone; (Human) (Willer, J.C. (182) 347)

NMDA (N-methyl-D-aspartate); Ketamine; Chirality; Perception; Phencyclidine receptors; σ Receptors (Klepstad, P. (187) 513)

Analgesia; Formalin test; U-50,488H; Naloxone; WIN 44,441-3; κ Opioid receptors; Spinal cord (Pelissier, T. (190) 287)

Pain control systems (descending)
β-Endorphin; Morphine; Antinociception; CCK-8s (sulfated cholecystokinin octapeptide); Proglumide (Suh, H.H. (179) 329)

Pain modulation
Nociception; Enkephalinase; Neural grafts; Chromaffin cells (Sagen, J. (179) 427)

Pain sensitivity
Ca^{2+} channels; Morphine abstinence (Antkiewicz-Michaluk, L. (180) 129)

Paired pulses
Nicotine; Progesterone metabolites; Hippocampus; GABA (γ-aminobutyric acid); (Seizure) (Luntz-Leybman, V. (185) 239)

Pancreas
P_2 purinoceptor agonists; Purinoceptors; Somatostatin secretion; (Dog) (Bertrand, G. (182) 369)

PET (positron emission tomography); CCK receptors (peripheral); CCK receptor antagonists; MK-329; (In vivo binding) (Sadzot, B. (185) 195)

Pancreatic exocrine secretion
Adrenoceptors; Buflomedil; CRL40634; CRL40598 (Chariot, J. (175) 229)

Pancreatic polypeptide
Neuropeptide Y (NPY); Vas deferens (rat); Pancreatic polypeptide receptors; Neuropeptide Y receptors; Peptide analogs (Jørgensen, J.C. (186) 105)

Pancreatic polypeptide receptors
Neuropeptide Y (NPY); Pancreatic polypeptide; Vas deferens (rat); Neuropeptide Y receptors; Peptide analogs (Jørgensen, J.C. (186) 105)

Papaverine
Vasopressin analogues; Renal pelvis; Renal colic (Kimoto, Y. (175) 359)

Paradoxical analgesia
Naloxone; Up-regulation; Morphine; Dependence (Suzuki, T. (178) 239)

Parainfluenza
Muscarinic receptors; Neuraminidase; Virus; Lung (Fryer, A.D. (181) 51)

Parasympathetic contraction
Opioids; β-Endorphin; Dynorphin; Smooth muscle (airway) (Horii, S. (182) 497)

Parathyroid hormone
Kidney (isolated, perfused); Renal cortex microvessel; Vasodilatation; Adenylate cyclase; Hypercalcemia of malignancy factor (Musso, M.-J. (174) 139)

Spontaneously hypertensive rats, stroke prone (SHR/SP); Blood pressure; Hypercalcemia (Neuser, D. (182) 569)

Paraxanthine
Methylxanthines; Dopamine D-1 receptors; [^{3}H]SCH 23390; Striatum (Ferré, S. (179) 295)

Parenchymal lung strip
Ebselen; H_1 receptors; KCl depolarisation; (Guinea-pig) (Leurs, R. (179) 193)

Parietal cells
H^+/K^+-ATPase; Omeprazole; Hoe 731; S 4216 (Beil, W. (187) 455)

Parkinson
Dopamine D-1 receptors; Dopamine D-2 receptors; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); (Monkey) (Gagnon, C. (178) 115)

Parkinson's disease
Substance P; Dopamine receptors; Substantia nigra (rat) (Orosz, D. (182) 509)

DSP-4 (N-(2-chloroethyl)-N-ethyl-2-bromobenzylamine); MAO B inhibition; Deprenyl; Neurotoxicity (mechanisms); Aging (Finnegan, K.T. (184) 119)

Anesthetics (volatile); Halothane; Dopamine receptors; Dopamine D_2 receptors (Segal, I.S. (186) 9)

Parotid gland (rat)
Anti-idiotypic antibodies; Substance P receptors; Protein secretion (Maillet, S. (187) 357)

[^{3}H]Paroxetine
[^{3}H]Citalopram; 5-Hydroxytryptamine (5-HT) transport complex; Receptor modulation; Brain (rat) (Plenge, P. (189) 129)

Partial agonists
Benzodiazepines; Dependence; Precipitated withdrawal; Minipumps (Moreau, J.-L. (190) 269)

Particulate guanylate cyclase
Amiloride; Atrial natriuretic factor (ANF); ANF receptor; Cyclic GMP (Ivanova, K. (189) 317)

Passive avoidance deficit
CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); Phencyclidine; Benzodiazepines; Ro15-1788 (DeNoble, V.J. (175) 197)

Passive avoidance response
Chlordiazepoxide; GABA receptor antagonists; GABA receptor agonists; Acetylcholine receptor antagonist; Cholinergic neuronal system; (Mouse) (Nabeshima, T. (182) 555)

Passive avoidance task
DM-9384 (N-(2,6-dimethyl-phenyl)-2-(2-oxo-1-pyrrolidinyl) acetamide); Picrotoxin; Bicuculline; GABAergic neuronal system; Memory; $GABA_A$ receptors (Nabeshima, T. (178) 143)

Patch clamp
Myocytes (guinea-pig, ventricular); A7r5 rat aortic smooth muscle cell line; $^{45}Ca^{2+}$ flux; (Binding) (Randle, J.C.R. (190) 85)

Patch-clamping
$GABA_A$ receptors; Expression; Cell lines (stable); Single channels (Moss, S.J. (189) 77)

Penicillin
GABA (γ-aminobutyric acid); Glycine; Optic tectum; Ammonium; Cl^- transport; Excitatory synaptic transmission (Mazda, G.Y. (179) 111)

(+)-Pentazocine
MK-801; Phencyclidine; Ketamine; (+)-N-Allylnormetazocine; DTG (1,3-di(2-[5-^{3}H]tolyl)guanidine; Memory; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-n-propylpiperidine) (Jones, K.W. (179) 97)

Pentobarbital
L-Lysine; Benzodiazepine receptor stimulation; GABA; Picrotoxinin; Convulsions (Gao, X.-M. (173) 197)

Pentobarbital anaesthesia
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; $5\text{-}HT_{1A}$ receptors; Adrenaline; Glycemia (Chaouloff, F. (180) 175)

Pentobarbitone
GABA (γ-aminobutyric acid); Bicuculline; Picrotoxin; Diazepam; Baclofen; GABA-benzodiazepine receptors; Ion channels; Neurons; (Snail) (Kim, K.H. (182) 49)

Pentylenetetrazole
Cysteamine; Somatostatin; Cortical kindling; Limbic kindling (Barkai, E. (182) 167)

Peptidase inhibitors
Tachykinins; Bombesin-like peptides; (Receptor classification) (Hall, J.M. (176) 127)

^{125}I-ANF-(99-128); Acetorphan; Thiorphan; Kelatorphan; Captopril (Gros, C. (179) 45)

Peptide analogs
Neuropeptide Y (NPY); Pancreatic polypeptide; Vas deferens (rat); Pancreatic polypeptide receptors; Neuropeptide Y receptors (Jørgensen, J.C. (186) 105)

Peptide E
[Met^5]enkephalin; BAM-12P; BAM-18P; BAM-22P (Davis, T.P. (191) 253)

Peptide receptor antagonists
Insulin secretion; Glucagon secretion; Vasoactive intestinal polypeptide (VIP); Gastrin-releasing peptide (GRP); Cholecystokinin (CCK); (Mouse); (In vivo) (Karlsson, S. (191) 457)

Perception
NMDA (N-methyl-D-aspartate); Ketamine; Chirality; Pain; Phencyclidine receptors; σ Receptors (Klepstad, P. (187) 513)

Periaqueductal gray
Uptake inhibitors; 5-Hydroxytryptamine (5-HT, serotonin); Noradrenaline; Dopamine; Aversion (Jenck, F. (177) 201)

Perindopril
Angiotensin-converting enzyme inhibitors; Learned helplessness; (Rat) (Martin, P. (187) 165)

Peripheral resistance
Artery; Norepinephrine; Vascular resistance; Smooth muscle (vascular) (Nielsen, H. (179) 1)

Fenoldopam; Propylbutyldopamine; SCH 23390; Domperidone; Coronary resistance (Zhao, R.-R. (190) 193)

Peritoneal macrophages
Tumor promoters; Arachidonic acid metabolism; Prostaglandin E_2 (PGE_2); Epidermal cells (Aizu, E. (182) 19)

Peritoneal macrophages (human)
ANF (atrial natriuretic factor); Nitroprusside (sodium); cGMP; cAMP (Houdijk, A.P. (179) 413)

Pertussis toxin
Morphine; Intestinal transit; Myoelectrical activity; ADP ribosylation (Parolaro, D. (177) 75)

α-Adrenoceptors (prejunctional); Noradrenaline release; Kidney (Murphy, T.V. (179) 435)

Dynorphin A; Body temperature; Barrel rolling; G_i-proteins; Verapamil (Cavicchini, E. (180) 357)

Hippocampus; Afterhyperpolarization; trans-ACPD (trans-1-aminocyclopentyl-1,3-dicarboxylate); Phorbol ester; (Intracellular recording) (Stratton, K.R. (186) 357)

Cholera toxin; G-proteins; Down-regulation (Carr, C. (188) 203)

G-proteins; Sino-atrial node (Braun, A.P. (189) 105)

Milrinone; G-proteins (guanine nucleotide-binding proteins) (Verrijk, R. (191) 197)

Petit mal (absence) seizures
GABA agonists; GABA antagonists; Anticonvulsant mechanisms; Benzodiazepines (Smith, K.A. (176) 45)

PET (positron emission tomography)
Suriclone; Benzodiazepine receptors (central type); [^{11}C]Ro 15-1788; (Baboon) (Brouillet, E. (175) 49)

Pancreas; CCK receptors (peripheral); CCK receptor antagonists; MK-329; (In vivo binding) (Sadzot, B. (185) 195)

Phaclofen
$GABA_A$ receptors (central); $GABA_B$ receptors (central); Muscimol; Baclofen; Bicuculline; Gastric acid secretion; (Intracerebroventricular route); (Rat models) (Del Tacca, M. (177) 189)

Ethanol; ^{36}Cl influx; Picrotoxin; NMDA (N-methyl-D-aspartate); GABA receptor subtypes (Mehta, A.K. (182) 473)

$GABA_A$ receptors; $GABA_B$ receptors; Baclofen; Retinal ganglion cell (Ikeda, H. (190) 1)

Pharmacogenetics
Ethanol withdrawal seizures; NMDA receptors; MK-801 binding; Genetics; (Selected mouse lines) (Valverius, P. (184) 185)

Pharmacokinetics
Behaviour; Brain; Drug distribution; Extracellular space; Microdialysis; Theophylline; (Rat) (Ståhle, L. (185) 187)

Pharmacokinetics (cerebral)
Imipramine; Desipramine; Lithium; Norepinephrine; Serotonin (Yoshida, T. (173) 143)

Phenazine methosulfate
Vestibular dysfunctions; Semicircular canal; Free radicals; Trimetazidine (Aubert, A. (174) 215)

Phencyclidine
CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); Passive avoidance deficit; Benzodiazepines; Ro15-1788 (DeNoble, V.J. (175) 197)

MK-801; Ketamine; (+)-N-Allylnormetazocine; (+)-Pentazocine; DTG (1,3-di(2-[5-^{3}H]tolyl)guanidine; Memory; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-n-propylpiperidine) (Jones, K.W. (179) 97)

(+)-HA-966; Glycine/NMDA receptors; Drug discrimination (Singh, L. (186) 129)

Guanine nucleotides; NMDA receptor; Excitatory amino acid (Hood, W.F. (188) 43)

Nimodipine; Diltiazem; EEG; Behaviour (Popoli, P. (191) 141)

Phencyclidine analogs
BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine); TCP (N-[1-(2-thiophenyl)cyclohexyl]piperidine); Nigrostriatal dopamine neurons; Electrophysiology; Microiontophoresis; (Rat) (Rouillard, C. (182) 227)

Phencyclidine derivatives
NMDA receptor; Brain (rat); Structure-activity relationship (SAR); MK-801; TCP (N-[1-(2-thienyl)cyclohexyl]piperidine) (Nadler, V. (188) 97)

Phencyclidine receptors
NMDA (N-methyl-D-aspartate); Ketamine; Chirality; Pain; Perception; σ Receptors (Klepstad, P. (187) 513)

Phenoxybenzamine
Cephalic vein (canine); α_1-Adrenoceptors; α_2-Adrenoceptors; Spare receptors (Moura, D. (179) 9)

Phentolamine
Nebivolol; Propranolol; Adrenoceptors; Heart; Arterioles; (Rat) (Loots, W. (179) 177)

Phenylbiguanide
$5\text{-}HT_3$ receptors; $5\text{-}HT_3$ receptor agonists; MCPBG (1-(m-chlorophenyl)-biguanide); 2-Methyl 5-HT (Kilpatrick, G.J. (182) 193)

Phenylephrine
Taenia caeci (rabbit and guinea-pig); (Outward currents) (Rusko, J. (184) 325)

Phenytoin
Neostigmine; Ca^{2+} channel blocking agents; Neuromuscular junction; Fasciculation; Motor nerve ending; Anticholinesterase agents (Raines, A. (173) 11)

PHI (peptide histidine isoleucine)
VIP (vasoactive intestinal peptide); Coronary artery; Vasorelaxation (Itoh, H. (181) 199)

Choroid plexus; Sympathetic nerves; Presynaptic regulation; VIP (vasoactive intestinal polypeptide); Neuropeptide Y (NPY) (Nilsson, C. (181) 247)

Phorbol 12,13-dibutyrate
Vasoactive intestinal polypeptide (VIP); Enteric nerves (Belai, A. (177) 103)

Smooth muscle (cerebrovascular); Second messengers; Forskolin; Pial vessels; (In vitro pharmacology) (Horsburgh, K. (191) 205)

[^{3}H]Phorbol 12,13-dibutyrate binding
Protein kinase C; Phorbol ester; Protein kinase C; Translocation; cAMP; Adenosine (Nordstedt, C. (188) 349)

Phorbol ester
Spontaneously hypertensive rat (SHR); Vascular reactivity; Protein kinase C; H-7 (Shibata, R. (175) 261)

Smooth muscle (vascular); Aorta (rat); EDRF (endothelium-derived relaxing factor); Protein kinase C (Sakata, K. (179) 207)

cAMP; 5-HT (5-hydroxytryptamine, serotonin); Intestinal secretion; Prostaglandins (Beubler, E. (182) 543)

Li^+; Na^+/H^+ exchange; HL-60 cells; Phosphoinositides (Bitran, J.A. (188) 193)

Protein kinase C; [^{3}H]Phorbol 12,13-dibutyrate binding; Protein kinase C; Translocation; cAMP; Adenosine (Nordstedt, C. (188) 349)

α_1-Adrenoceptors; Smooth muscle (vascular); G-proteins; Age; Contraction (Jagadeesh, G. (189) 11)

Protein kinase C; Blood vessel; Contraction; Aging; (Fischer 344 rat) (Johnson, M.D. (189) 405)

Hippocampus; Afterhyperpolarization; trans-ACPD (trans-1-aminocyclopentyl-1,3-dicarboxylate); Pertussis toxin; (Intracellular recording) (Stratton, K.R. (186) 357)

Protein kinase C; Choline; Phosphatidylcholine; Heart; Striatum (Sandmann, J. (188) 89)

Phorbol myristate acetate
Lung epithelial cell line (human); Platelet-activating factor (PAF-aceter, PAF); Ionophore A23187 (Salari, H. (175) 253)

Phosphate (inorganic, P_i)
Carnitine; Cardiac mitochondria; Oxidative phosphorylation; Adenine nucleotide translocase (Duan, J. (189) 163)

Phosphatidic acid
Verapamil; Polyphosphoinositides; PAF (platelet-activating factor, PAF-acether); Thrombin (Homa, S.T. (182) 457)

Phosphatidylcholine
Phorbol ester; Protein kinase C; Choline; Heart; Striatum (Sandmann, J. (188) 89)

Phosphatidylinositol cycle
Inositol hexakisphosphate; Epilepsy; Behaviour; Excitotoxicity; EEG (Smith, S.E. (191) 337)

Phosphatidylinositol turnover
Oxytocin receptors; Vasopressin receptors; Mammary gland; Uterus; L-365,209 (Pettibone, D.J. (188) 235)

Phosphatidylserine monolayers
Ca^{2+}; Flunarizine; R 56865 (Vogelgesang, R. (188) 17)

Phosphodiesterase
Lithium; cAMP; cGMP; Yin-Yang hypothesis; Physostigmine (Harvey, B. (175) 129)

Phosphodiesterase inhibitors
Nitrovasodilators; Zaprinast; Atrial natriuretic peptide (ANP); Spontaneously hypertensive rats (SHR); (Blood pressure) (Dundore, R.L. (185) 91)

Phosphoinositide hydrolysis
Thromboxane A_2 receptors; ONO NT-126; Astrocytoma cells (Nakahata, N. (184) 233)

Heart (rat); Endothelins; Sarafotoxins; Aging; (Receptor) (Galron, R. (188) 85)

Histamine receptors; Desensitization; Protein kinase C (Cowlen, M.S. (188) 105)

Muscarinic receptor subtypes; Adenylate cyclase; Submandibular gland (Laniyonu, A. (188) 171)

Phosphoinositides
Li^+; Na^+/H^+ exchange; HL-60 cells; Phorbol ester (Bitran, J.A. (188) 193)

Platelet-activating factor (PAF); Astrocyte; Ca^{2+}; (Trauma); (Receptor) (Murphy, S. (188) 399)

Phosphoinositide turnover
σ Receptors; Dopamine D-2 receptors; Haloperidol metabolites; Movement disorders; Muscarinic acetylcholine receptors (Bowen, W.D. (177) 111)

Muscarinic receptors; Primary cultured neurons; Up-regulation; Second messenger systems; Cyclic GMP (Ohkuma, S. (189) 277)

Endothelin-1; Noradrenaline; Atrium; (Rat) (Kuraja, I.J. (189) 299)

Phospholipase
Muscarinic acetylcholine receptors; Sino-atrial node; Atrium; Guanine nucleotides; N-Ethylmaleimide (Braun, A.P. (189) 201)

Phospholipase A_2
Ro19-3704; Histamine release; Leukotriene release; RBL 2H3 cells; Mast cells; Phospholipase C (Gilfillan, A.M. (176) 255)

Intestinal secretion; Distension; Enteric nervous system; Prostaglandins (Diener, M. (178) 47)

Phospholipase A_2 (acidic and basic venom)
Hind-paw edema; Mast cell degranulation; Histidine-modified phospholipase A_2 (Teng, J.-P.W.C.-M. (190) 347)

Phospholipase C
Ro19-3704; Histamine release; Leukotriene release; RBL 2H3 cells; Mast cells; Phospholipase A_2 (Gilfillan, A.M. (176) 255)

Inositol phospholipid breakdown; Adenylate cyclase; G-proteins; Carbachol; Li^+, K^+; NaF; Cerebral cortex (rat) (Tiger, G. (188) 51)

Glomerulosa cells; Angiotensin II receptors; Inositol phosphate; Aldosterone; Adrenal cortex (Boulay, G. (189) 267)

Phosphoramidon
Endothelin-1; Big endothelin-1; Hypertensive effects; Metalloproteinase; (Conversion) (Matsumura, Y. (185) 103)

Photoaffinity labeling
GABA (γ-aminobutyric acid); Benzodiazepine; Ro15-4513; Flumazenil; Ro15-1788 (Borden, L.A. (188) 391)

Photolabelling
Opioid receptors; Azido and diazonium photoprobes; Carfentanil derivatives (Galzi, J.-L. (188) 321)

Phrenic nerve
[^{3}H]Acetylcholine release; Prazosin; α_1-Adrenoceptors (facilitatory); β-Adrenoceptors (Wessler, I. (174) 77)

Physostigmine
Lithium; cAMP; cGMP; Phosphodiesterase; Yin-Yang hypothesis (Harvey, B. (175) 129)

Azaprophen; Scopolamine; Trihexyphenidyl; Acetylcholine receptors; Tolerance (Genovese, R.F. (176) 271)

Tetrahydroaminoacridine; Nicotinic receptors; Muscarinic M_1 receptors; Muscarinic M_2 receptors; (Subchronic treatment); (Rat) (Nilsson-Håkansson, L. (186) 301)

Pial vessels
Smooth muscle (cerebrovascular); Second messengers; Forskolin; Phorbol 12,13-dibutyrate; (In vitro pharmacology) (Horsburgh, K. (191) 205)

R-PIA (N^6-R(−)-phenylisopropyladenosine)
Adenosine; Adipose tissue (brown); Blood flow; NECA (5′-N-ethylcarboxamide adenosine) (Uchida, Y. (184) 223)

Picrotoxin
DM-9384 (N-(2,6-dimethyl-phenyl)-2-(2-oxo-1-pyrrolidinyl) acetamide); Passive avoidance task; Bicuculline; GABAergic neuronal system; Memory; $GABA_A$ receptors (Nabeshima, T. (178) 143)

Cage convulsant; TBOB (t-butylbicycloorthobenzoate); GABA (γ-aminobutyric acid); $GABA_A$-receptor complex (Van Rijn, C.M. (179) 419)

Forced swimming test; Imipramine; Desipramine; $GABA_A$-benzodiazepine-Cl complex; Open field (Fernández-Teruel, A. (181) 35)

GABA (γ-aminobutyric acid); Vagus; Vasopressin; Blood pressure; Heart rate (Wible, Jr., J.H. (181) 215)

GABA (γ-aminobutyric acid); Pentobarbitone; Bicuculline; Diazepam; Baclofen; GABA-benzodiazepine receptors; Ion channels; Neurons; (Snail) (Kim, K.H. (182) 49)

Phaclofen; Ethanol; ^{36}Cl influx; NMDA (N-methyl-D-aspartate); GABA receptor subtypes (Mehta, A.K. (182) 473)

Picrotoxinin
L-Lysine; Benzodiazepine receptor stimulation; GABA; Pentobarbital; Convulsions (Gao, X.-M. (173) 197)

Pilocarpine
Convulsions; SK&F 38393; SCH 23390; Substantia nigra (Al-Tajir, G. (182) 245)

Convulsions; Striatum; Dopamine D_1 receptors (Al-Tajir, G. (191) 329)

Pinacidil
Cromakalim; Glibenclamide; K^+ channels; Smooth muscle (airway) (Nielsen-Kudsk, J.E. (180) 291)

K^+ channel activators; Smooth muscle (vascular); Ca^{2+} signals; Fura-2; (Rat) (Anabuki, J. (190) 373)

Pindolol
Pulmonary vasoconstriction (hypoxic); Propranolol; Lung lobe perfusion (isolated) (Takashio, T. (191) 493)

Pineal gland
Melatonin; N-Acetylserotonin; 5-HT precursors; Indole metabolism; N-Acetyltransferase (Ferretti, C. (187) 345)

Pinocytosis
Amitriptyline; Blood-brain barrier (Sarmento, A. (176) 69)

cis-2,3-Piperidine dicarboxylic acid (PDA)
Kainic acid; Quisqualic acid; Retina; (Salamander); (Electrophysiology) (Van der Valk, J.B.F. (184) 143)

Piperine
Capsaicin; Calcitonin gene-related peptide (CGRP); Substance P; Ruthenium red; Ileal motility; (Guinea-pig) (Takaki, M. (186) 71)

Pirenzepine
Positive inotropy; Embryo (chick) (Protas, L.L. (175) 215)

Gastric parietal cells; AF-DX 116; Muscarinic acetylcholine receptors (Kajimura, M. (178) 59)

Acetylcholine release; Striatum; Atropine; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine); AF-DX 116 (De Boer, P. (179) 167)

Muscarinic receptors; Receptor classification; Schild analysis; (Resultant analysis) (Boselli, C. (191) 49)

Pirenzepine analogs
Oesophageal muscularis mucosae (guinea-pig); Muscarinic receptor subtypes; Muscarinic M_2/M_3-specific receptor antagonists (Barocelli, E. (179) 89)

Pithed rat
Spontaneously hypertensive rat (SHR); Sympathetic neurotransmission; Tail artery; Purines; α-Adrenoceptor antagonists (Dalziel, H.H. (173) 19)

P_{2X} purine receptors; Suramin; ATP; Noradrenaline; Neuropeptide Y (NPY) (Urbanek, E. (175) 207)

Nitric oxide (NO); N^G-Methyl-L-arginine; Arterial pressure (Vargas, H.M. (190) 393)

Pituitary
$InsP_6$; Ca^{2+} (Sortino, M.A. (189) 115)

Pituitary gland (anterior)
Fenoldopam; Dopamine D-1 receptors; Prolactin (Schoors, D.F. (173) 109)

PK 11195
Ro5-4864; Bronchial reactivity; (Guinea-pig) (Marano, G. (179) 237)

Benzodiazepines (peripheral effects); Uterine relaxation; Ro 5-4864 (Kazanietz, M.G. (185) 231)

[^{3}H]PK 11195
Benzodiazepine binding sites (peripheral type); Lipocortin I; Anti-lipocortin I antiserum; Smooth muscle (vascular) (Mihara, S.-i. (189) 233)

Place conditioning
Opioid receptors; β-Endorphin; CTOP (D-Pen-Cys-Tyr-D-Trp-Orn-Thr-Pen-Thr-NH_2); ICI 174,864; (Reinforcement) (Bals-Kubik, R. (175) 63)

Plasma glucose
Idazoxan; α_2-Adrenoceptors; Insulin (immunoreactive); Glucose load; (Rat) (John, G.W. (187) 531)

Plasma osmolality
Vasopressin mRNA (mouse); Chronic ethanol; Vasopressin (plasma); In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Plasminogen activator (tissue)
Endothelin; Platelet aggregation; Prostacyclin; Fibrinolysis; Haemodynamics; (Rabbit) (Lidbury, P.S. (186) 205)

Plasminogen activator (tissue-type)
Endothelin; Von Willebrand factor; Ca^{2+} channel antagonists; PAF (platelet-activating factor, PAF-acether); (Secretion) (Pruis, J. (187) 105)

Plasticity
Hybridization (in situ); Hippocampus; K^+ channels (Séquier, J.-M. (180) 179)

Platelet aggregation
Endothelin; Prostacyclin; Fibrinolysis; Plasminogen activator (tissue); Haemodynamics; (Rabbit) (Lidbury, P.S. (186) 205)

Platelet cyclooxygenase
Thromboxane B_2; Leukotriene B_4; Prostaglandin E_2; Indobufen (Patrignani, P. (191) 83)

Platelet function
Ridogrel; Thromboxane A_2 synthetase inhibition; Prostaglandin endoperoxide receptor antagonism (De Chaffoy de Courcelles, D. (188) 161)

Platelets
Dopamine; Dopamine receptor agonists (Dean, B. (173) 165)

Imipramine binding; Verapamil; 5-HT transporter (Cohen, A. (181) 311)

α_2-Adrenoceptors (platelet); Levodopa; [^{3}H]Yohimbine (Durrieu, G. (182) 597)

Non-steroidal anti-inflammatory drugs (NSAID); Ca^{2+} uptake; Thromboxane A_2 (Gill, J. (187) 135)

Li^+; CDP-diacylglycerol; Inositol (Watson, S.P. (188) 273)

Platelets (human)
[^{3}H]6-Nitroquipazine; 5-HT uptake (Hashimoto, K. (187) 295)

PmP (1-(2-pyrimidinyl)piperazine)
α_2-Adrenoceptors; [^{3}H]Noradrenaline release; [^{3}H]5-HT release; Synaptosomes (Gobbi, M. (180) 183)

[^{3}H]PN 200-110
Ca^{2+}; 1,4-Dihydropyridines; Tiamdipine; Smooth muscle; Ca^{2+} channel activators (Galletti, F. (185) 157)

Pneumotaxic centre
CRF (corticotropin-releasing factor); α-Helical-CRF; Respiration; Brainstem; Respiratory centres (Böhmer, G. (182) 405)

Polyamines
MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Ifenprodil; Spermidine (Steele, J.E. (189) 195)

Polycythemia
Blood pressure; Ca^{2+} channel blockers; Carbon monoxide; Cardiac hypertrophy; Heart rate; Spontaneously hypertensive rat (SHR); Verapamil (Penney, D.G. (182) 29)

Polymorphonuclear leukocytes
cGMP; Nitrovasodilators (Schröder, H. (182) 211)

Polymyxin B
Adenosine; Protein kinase C; 1-Oleoyl-2-acetyl-sn-glycerol; Smooth muscle (vascular) (Serban, D.N. (180) 377)

Polyphosphoinositides
Verapamil; Phosphatidic acid; PAF (platelet-activating factor, PAF-acether); Thrombin (Homa, S.T. (182) 457)

Portal vein (rat)
ATP-sensitive K^+ channels; Cromakalim; RP49356; Diazoxide; Glibenclamide; Galanin (Longmore, J. (190) 75)

Positive inotropy
Pirenzepine; Embryo (chick) (Protas, L.L. (175) 215)

Postsynaptic densities
TCP (thienyl-phencyclidine); CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); Glutamate effect (Foucaud, B. (189) 355)

Potential-operated channels (POC)
Arterial tissue; Venous tissue; Receptor-operated channels (ROC); Cations; K^+-induced contractions; Agonist-induced contractions (Gouw, M.A.M. (185) 147)

P^1,P^6-diadenosine hexaphosphate
Purinergic nerves; ATP; α,β-Methylene ATP; Bladder; (Human) (Hoyle, C.H.V. (174) 115)

PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin)
Dopamine D_1 receptors; Dopamine D_2 receptors; Behavioral effects; Bombesin; SK&F 38393; Eticlopride; SCH 23390; Grooming behaviour; Locomotion (Merali, Z. (191) 281)

3-PPP (3-(3-hydroxyphenyl)-N-propylpiperidine)
Dopamine; Acoustic startle; (Rat) (Svensson, L. (175) 107)

P_2 purinoceptor agonists
Purinoceptors; Somatostatin secretion; Pancreas; (Dog) (Bertrand, G. (182) 369)

P_2 purinoceptors
Smooth muscle cells; DDT_1 MF-2 cells; Inositol phosphates; Membrane currents (Hoiting, B. (181) 127)

DDT_1 MF-2; Smooth muscle cells; Inositol phosphates; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

P_{2X} purinoceptors
Suramin; ATP; Noradrenaline; Neuropeptide Y (NPY); Pithed rat (Urbanek, E. (175) 207)

Pralidoxime
Acetylcholine esterase reactivators; Diaphragm; HI 6; HLö 7; Obidoxime (Alberts, P. (184) 191)

Prazosin
Phrenic nerve; [^{3}H]Acetylcholine release; α_1-Adrenoceptors (facilitatory); β-Adrenoceptors (Wessler, I. (174) 77)

Kidney; α-Adrenoceptors; Vasoconstriction; SGB-1534 (Chiba, K. (176) 263)

Modafinil; α_1-Adrenoceptors; (Awakening); (Mouse); (Rat); (Monkey) (Duteil, J. (180) 49)

Rauwolscine; α-Adrenoceptor antagonists; Venous tone; Hexamethonium; Circulatory filling pressure (mean) (D'Oyley, H.M. (182) 283)

Tonic electrodermal activity; Yohimbine; Monoamine depletion; Spinal cord; α-Adrenoceptors (CNS); Sudomotor mechanisms (Koss, M.C. (182) 381)

α-Adrenoceptor antagonists; Corpus cavernosum; Corpus spongiosum; Vas deferens; YM-12617; (Human) (Holmquist, F. (186) 87)

α_1-Adrenoceptors; Ligand affinity; Antihypertensive agents; Detergent solubilization (Shreeve, S.M. (188) 71)

Cerebral artery (bovine); Adrenoceptor function (heterogeneity of); Yohimbine; α_1-Adrenoceptors (Ayajiki, K. (191) 417)

Prazosin affinity
Hypothalamus; [^{125}I]Iodomelatonin binding sites; Melatonin receptors; (Syrian hamster) (Pickering, D.S. (175) 71)

Precipitated withdrawal
Benzodiazepines; Dependence; Partial agonists; Minipumps (Moreau, J.-L. (190) 269)

Precontraction levels
Adenylate cyclase-cyclic AMP system; Vasorelaxation; Methoxamine; (Canine veins) (Tsuru, H. (191) 447)

Pregnancy
$GABA_A$ receptors; Uterus; Steroid regulation (Majewska, M.D. (174) 43)

Uterine-smooth muscle; β_2-Adrenoceptors; Forskolin; Isoprenaline; Ovarian steroids (Hall, S. (184) 33)

Oxytocin receptors; Myometrium; RU 486 (Alj, A.E. (186) 231)

Uterus (human); Oxytocin receptors; Vasopressin receptors; Vasopressin analogues (radiolabelled); Oxytocin analogues (radiolabelled) (Tence, M. (191) 427)

Pregnancy (ovine)
Uterine artery; Adrenoceptors (Isla, M. (178) 321)

Pregnanes
Progesterone; Muscimol binding (López-Colomé, A.M. (176) 297)

Pregnane steroids
GABA (α-aminobutyric acid); Benzodiazepine receptors; Receptor gene (Lan, N.C. (188) 403)

Pregnenolone sulfate
Steroids; Brain; $GABA_A$ receptor; Cl^- ionophore (Majewska, M.D. (189) 307)

Prejunctional supersensitivity
Acetylcholine; Noradrenaline; Cauda epididymis (rat); Vasectomy; (Denervation) (Ventura, S. (174) 227)

Prenatal diazepam
Ultrasonic vocalization; Locomotion; Sexual behaviour; (Rat) (Cagiano, R. (177) 67)

Presynaptic mechanism
ω-Conotoxin; Ca^{2+} channels; Acetylcholine; GABA; Intracellular recording; Hippocampus; (Slice) (Dutar, P. (174) 261)

Presynaptic receptors
Muscarinic acetylcholine receptors; Myenteric plexus; Smooth muscle (Kostka, P. (173) 35)

Presynaptic regulation
Choroid plexus; Sympathetic nerves; VIP (vasoactive intestinal polypeptide); PHI (peptide histidine isoleucine); Neuropeptide Y (NPY) (Nilsson, C. (181) 247)

Primary cultured neurons
Muscarinic receptors; Up-regulation; Second messenger systems; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Proarrhythmia
K^+ channel activators; Cardiac refractoriness; Supraventricular arrhythmias (Spinelli, W. (179) 243)

(R)-Procyclidine
Muscarinic M_1 receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

(S)-Procyclidine
Muscarinic M_1 receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (R)-Procyclidine; Pyrrinol; Hexahydro-procyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

Proenkephalin
Neuroleptics; BMY 14802; Protachykinin; (In situ hybridization) (Angulo, J.A. (175) 225)

Progesterone
Pregnanes; Muscimol binding (López-Colomé, A.M. (176) 297)

Progesterone metabolites
Nicotine; Paired pulses; Hippocampus; GABA (γ-aminobutyric acid); (Seizure) (Luntz-Leybman, V. (185) 239)

Proglumide
β-Endorphin; Morphine; Antinociception; Pain control systems (descending); CCK-8s (sulfated cholecystokinin octapeptide) (Suh, H.H. (179) 329)

Prokinetic activity
Gastrointestinal motility; 5-HT receptors; Benzamide derivatives (Schiavone, A. (187) 323)

Prolactin
Fenoldopam; Dopamine D-1 receptors; Pituitary gland (anterior) (Schoors, D.F. (173) 109)

Anterior pituitary (rat); Talipexole (B-HT 920); SND 919; Dopamine D_2 receptor agonists; Estrogens (Domae, M. (179) 75)

ACTH; 5-HT_2 receptor antagonists; 5-HT_2 receptor subtypes; 5-Hydroxy-L-tryptophan (5-HTP); (Rat) (Gartside, S.E. (179) 103)

Thyrotropin; 5-Hydroxytryptamine (5-HT, serotonin); 5-HT receptors; (Rat) (Toivonen, M. (180) 91)

Protein kinase C (nuclear); Immunomodulators; Splenocytes (rat); Prolactin receptors (nuclear) (Russell, D.H. (188) 139)

Prolactin receptors (nuclear)
Protein kinase C (nuclear); Prolactin; Immunomodulators; Splenocytes (rat) (Russell, D.H. (188) 139)

Prolactin-secreting 7315a anterior pituitary tumor
Dopamine D_2 receptors; Striatum (rat) (Lew, J.Y. (188) 329)

Pro-opiomelanocortin
Platelet-activating factor (PAF); Hypothalamo-pituitary-adrenal axis; Pro-opiomelanocortin-related neuropeptides (Blasquez, C. (177) 145)

Pro-opiomelanocortin-related neuropeptides
Platelet-activating factor (PAF); Pro-opiomelanocortin; Hypothalamo-pituitary-adrenal axis (Blasquez, C. (177) 145)

Propranolol
Endothelin; Hypertension; Bronchoconstriction (Touvay, C. (176) 23)

Nebivolol; Phentolamine; Adrenoceptors; Heart; Arterioles; (Rat) (Loots, W. (179) 177)

Cerebral blood flow; Antihypertensive drugs; Nifedipine; Captopril; Spontaneously hypertensive rats (SHR) (Ooboshi, H. (179) 253)

Bronchoconstriction; Capsaicin; Hexamethonium; Neuropeptides (sensory); Vagal stimulation (Del Monte, M. (180) 239)

Ethanol lesions; Timolol; Indomethacin; Prostaglandin release; Membrane stabilising action (Bhandare, P. (191) 167)

Pulmonary vasoconstriction (hypoxic); Pindolol; Lung lobe perfusion (isolated) (Takashio, T. (191) 493)

Propylbenzilylcholine mustard-insensitive cholinoceptors
Propylbenzilylcholine mustard-sensitive cholinoceptors; Muscarinic M_3 receptors; Cytosolic Ca^{2+} (Takayanagi, I. (187) 139)

Propylbenzilylcholine mustard-sensitive cholinoceptors
Propylbenzilylcholine mustard-insensitive cholinoceptors; Muscarinic M_3 receptors; Cytosolic Ca^{2+} (Takayanagi, I. (187) 139)

Propylbutyldopamine
Fenoldopam; SCH 23390; Domperidone; Coronary resistance; Peripheral resistance (Zhao, R.-R. (190) 193)

N-n-Propylnorapomorphine (NPA)
Apomorphine; Climbing behaviour; Hypothermia; Dopamine D-1 receptors; Dopamine D-2 receptors (Moore, N.A. (178) 195)

Adenosine; Adenosine A_2 receptors; Dopamine; Dopamine D_2 autoreceptors; Tyrosine hydroxylase (Booth, R.G. (185) 217)

[^{3}H]N-n-Propylnorapomorphine binding
Dopamine receptors; Cabergoline; Dopamine receptor agonists; Ergoline derivatives; (In vivo binding) (Strolin Benedetti, M. (187) 399)

Prostacyclin
Endothelin; Platelet aggregation; Fibrinolysis; Plasminogen activator (tissue); Haemodynamics; (Rabbit) (Lidbury, P.S. (186) 205)

Prostacyclin (PGI_2)
Angiotensin I-converting enzyme inhibition; Bradykinin; Captopril; Kinins; Lisinopril (Hoffmann, G. (178) 79)

Prostaglandin endoperoxide receptor antagonism
Ridogrel; Thromboxane A_2 synthetase inhibition; Platelet function (De Chaffoy de Courcelles, D. (188) 161)

Prostaglandin E_1 (PGE_1)
[Met^5]enkephalin; Na^+ absorption; HCO_3^- secretion (electrogenic) (Wehner, F. (178) 333)

EGF (epidermal growth factor-urogastrone); Ciliary muscle; Vasopressin (Yamaguchi, K. (191) 245)

Prostaglandin E_2 (PGE_2)
Tumor promoters; Arachidonic acid metabolism; Epidermal cells; Peritoneal macrophages (Aizu, E. (182) 19)

Esaprazole; Cytoprotection; Gastric secretion; Prostaglandin I_2; Anti-ulcer agents (Zuccari, G. (187) 19)

Thromboxane B_2; Leukotriene B_4; Indobufen; Platelet cyclooxygenase (Patrignani, P. (191) 83)

Prostaglandin $F_{2\alpha}$ ($PGA_{2\alpha}$)
Vascular contraction (tonic); Intracellular free Ca^{2+} concentration; Protein kinase C (Morimoto, S. (188) 369)

Prostaglandin $F_{2\alpha}$-induced contractions
Thromboxane receptor antagonists; Smooth muscle (vascular); Coronary artery (Nakajima, M. (191) 359)

Prostaglandin $F_{2\alpha}$ potentiation
Endothelium; Ca^{2+} store (intracellular); Vasoconstrictor responses (Aristegui, P.M. (184) 1)

Prostaglandin I_2 (PGI_2)
PAF (platelet-activating factor, PAF-acether); Thromboxane A_2; Dental pulp; Signal transduction; (Rat); (Receptors) (Hirafuji, M. (185) 81)

Esaprazole; Cytoprotection; Gastric secretion; Prostaglandin E_2; Anti-ulcer agents (Zuccari, G. (187) 19)

Prostaglandin release
Bradykinin binding; Renal mesangial cells (rat); Bradykinin antagonists (Emond, C. (190) 381)

Propranolol; Ethanol lesions; Timolol; Indomethacin; Membrane stabilising action (Bhandare, P. (191) 167)

Prostaglandins
Stomach; Gastric acid; Ulcerations; Cytoprotection (Konturek, S.J. (176) 187)

Intestinal secretion; Distension; Enteric nervous system; Phospholipase A_2 (Diener, M. (178) 47)

Non-steroidal antiinflammatory drugs; Ca^{2+}; Smooth muscle (Jeremy, J.Y. (182) 83)

cAMP; 5-HT (5-hydroxytryptamine, serotonin); Intestinal secretion; Phorbol ester (Beubler, E. (182) 543)

Trachea (guinea-pig); α_2-Adrenoceptors (Takayanagi, I. (182) 577)

Interleukin-1; Ulcer; Gastric damage; Duodenal ulceration; Cytoprotection (Wallace, J.L. (186) 279)

PAF (platelet-activating factor, PAF-acether); Trachea (guinea-pig); Epithelium; (Relaxation) (Conroy, D.M. (186) 315)

Prostaglandin synthesis inhibition
Cyclooxygenase; Brain; Analgesic activity (Ferrari, R.A. (179) 25)

Protachykinin
Neuroleptics; BMY 14802; Proenkephalin; (In situ hybridization) (Angulo, J.A. (175) 225)

Proteinase inhibitors
Kinins; Sponges; Inflammation (Damas, J. (175) 341)

Protein kinase
Cytoskeleton; Uterus (rat); Smooth muscle (Karibe, H. (188) 407)

Protein kinase C
Spontaneously hypertensive rat (SHR); Vascular reactivity; Phorbol ester; H-7 (Shibata, R. (175) 261)

Endothelin; Ileum (guinea-pig); Ca^{2+} channels; (Biphasic effects) (Lin, W.-W. (176) 57)

Smooth muscle (vascular); Aorta (rat); Phorbol ester; EDRF (endothelium-derived relaxing factor) (Sakata, K. (179) 207)

ANF (atrial natriuretic factor); Atriopeptin III; Smooth muscle (vascular) (Sauro, M.D. (180) 373)

Adenosine; Polymyxin B; 1-Oleoyl-2-acetyl-sn-glycerol; Smooth muscle (vascular) (Serban, D.N. (180) 377)

Phorbol ester; Choline; Phosphatidylcholine; Heart; Striatum (Sandmann, J. (188) 89)

Histamine receptors; Desensitization; Phosphoinositide hydrolysis (Cowlen, M.S. (188) 105)

B-50 (GAP-43); Synaptosomes; Transmitter release; Noradrenaline (Dekker, L.V. (188) 113)

Phorbol ester; [^{3}H]Phorbol 12,13-dibutyrate binding; Protein kinase C; Translocation; cAMP; Adenosine (Nordstedt, C. (188) 349)

Protein kinase C; Phorbol ester; [^{3}H]Phorbol 12,13-dibutyrate binding; Translocation; cAMP; Adenosine (Nordstedt, C. (188) 349)

Prostaglandin $F_{2\alpha}$; Vascular contraction (tonic); Intracellular free Ca^{2+} concentration (Morimoto, S. (188) 369)

Blood vessel; Contraction; Aging; Phorbol ester; (Fischer 344 rat) (Johnson, M.D. (189) 405)

Protein kinase C (nuclear)
Prolactin; Immunomodulators; Splenocytes (rat); Prolactin receptors (nuclear) (Russell, D.H. (188) 139)

Protein meals
Gastric emptying; 5-HT_3 receptors; Ondansetron (Forster, E.R. (191) 235)

Protein secretion
Anti-idiotypic antibodies; Parotid gland (rat); Substance P receptors (Maillet, S. (187) 357)

Proximal tubule
α_2-Adrenoceptors; Ca^{2+} channel blockers; Kidney; Clonidine; UK 14,304; Diuresis; (Radioligand binding); (Rat) (Stanko, C.K. (175) 13)

Pulmonary artery
α-Adrenoceptors; β-Adrenoceptors; Smooth muscle; β-Adrenoceptor antagonists (Abdelrahman, A. (181) 83)

Ligustrazine; Bronchial artery; Vasodilators; (Human) (Liu, S. (191) 345)

Pulmonary artery (rat)
Pulmonary hypertension; Endothelin; 5-Hydroxytryptamine; Monocrotaline (Wanstall, J.C. (176) 159)

Pulmonary hypertension
Endothelin; 5-Hydroxytryptamine; Pulmonary artery (rat); Monocrotaline (Wanstall, J.C. (176) 159)

Pulmonary vascular response
Actylcholine; Medulla oblongata (median area); 5-HT (5-hydroxytryptamine, serotonin); Endorphine; Sympathoinhibition center (Ni, H. (181) 167)

Pulmonary vasoconstriction (hypoxic)
Pindolol; Propranolol; Lung lobe perfusion (isolated) (Takashio, T. (191) 493)

Purinergic nerves
P^1,P^6-diadenosine hexaphosphate; ATP; α,β-Methylene ATP; Bladder; (Human) (Hoyle, C.H.V. (174) 115)

Purines
Spontaneously hypertensive rat (SHR); Sympathetic neurotransmission; Pithed rat; Tail artery; α-Adrenoceptor antagonists (Dalziel, H.H. (173) 19)

ATP; α,β-Methylene ATP; Synergism; Mesenteric bed (rat) (Ralevic, V. (175) 291)

Sympathetic denervation; Trophic effects; Adenosine; Noradrenaline; NECA (N-ethylcarboxamidoadenosine) (Albino-Teixeira, A. (179) 141)

Purinoceptor desensitization
Urinary bladder; Non-cholinergic transmission; α,β-Methylene ATP (Luheshi, G. (185) 203)

Purinoceptors
Liver; Glycogenolysis; (Rabbit); (Guinea-pig) (Keppens, S. (182) 149)

P_2 purinoceptor agonists; Somatostatin secretion; Pancreas; (Dog) (Bertrand, G. (182) 369)

Non-adrenergic non-cholinergic (NANC) relaxation; ATP; Duodenum (rat) (Serio, R. (182) 487)

Purkinje cells
5-Hydroxytryptamine (5-HT, serotonin); 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Ipsapirone; Cerebellar; (In vitro) (Darrow, E.J. (175) 145)

Pylorus-ligated rats
Endotoxin; Gastric acid secretion; Gastric pepsin secretion; Infection; Lipopolysaccharide (Uehara, A. (181) 141)

1-(2-Pyrimidinyl)piperazine (1-PP or PmP)
Idazoxan; Desipramine; Antidepressant activity; α_2-Adrenoceptors; Locus coeruleus (Cervo, L. (175) 301)

Pyrrinol
Muscarinic M, receptors; Muscarinic M_2 receptors; Muscarinic M_4 receptors; (S)-Procyclidine; (R)-Procyclidine; Hexahydroprocyclidine; Muscarinic receptors (stereoselectivity) (Waelbroeck, M. (189) 135)

[^{3}H]Q ICS 205-930
Clozapine; 5-HT_3 receptor sites; Neuroleptics; Brain (rat); Superior cervical ganglion (rat) (Watling, K.J. (182) 465)

Quaking mutant mice
NMDA receptor antagonists; Anticonvulsant effects (Mitrovic, N. (176) 357)

Quazepam
Brotizolam; Zopiclone; Zolpidem; Anticonvulsants; Depressant effects (central); Food intake (mouse); Benzodiazepine ω_1 receptor sites; (Intrinsic activity) (Perrault, G. (187) 487)

Quinacrine
Chloroquine; Cardiac contraction; Ca^{2+}; (Guinea-pig) (Tona, L. (178) 293)

Quinolinic acid
Gangliosides; Excitotoxicity; Huntington's chorea; Choline acetyltransferase; L-Glutamic acid decarboxylase (Lombardi, G. (174) 123)

NMDA receptors; Dopamine D-1 receptors; MK-801; Excitotoxins; (Supersensitivity) (Norman, A.B. (176) 363)

Excitatory amino acid; NMDA receptors; AMPA ((RS)-2-amino-3-(3-hydroxy-5-methylisoxazol-4-yl)propionic acid) receptors; AMAA ((RS)-2-amino-2-(3-hydroxy-5-methylisoxazol-4-yl) acetic acid); Neurotoxicity (Madsen, U. (189) 381)

Quinpirole
Grooming behaviour; Neuropeptides; SCH 23390; Sulpiride; SK&F 38393 (Van Wimersma Greidanus, T.B. (173) 227)

SCH 23390; Dopamine autoreceptors; Dopamine D-1 receptors; Dopamine D-2 receptors; Dopamine metabolism (Lappalainen, J. (179) 315)

[Arg^8]vasopressin (AVP); Catecholamines; Diabetes insipidus; Blood pressure; Dopamine (Damase-Michel, C. (184) 179)

Gastric motility; Dopamine receptors; Fenoldopam; 5-HT receptors (Lefebvre, R.A. (185) 69)

Amphetamine; Ascorbate; GBR 12909; Neostriatum; SK&F 38393; Voltammetry (in vivo) (Pierce, R.C. (191) 295)

Quipazine
Flexor reflex; l-5-HTP (l-5-hydroxytryptophan); 5-HT_2 receptors; (±)-DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Skarsfeidt, T. (176) 135)

Bezold-Jarish reflex; 5-HT_3 receptors; 5-HT_2 receptors (peripheral); Hypertension (Vayssettes-Courchay, C. (184) 75)

Nucleus tractus solitarii; Autoradiography (receptor); Antiemetic activity; 5-HT (5-hydroxytryptamine, serotonin); 5-HT_3 receptors (Perry, D.C. (187) 75)

Quisqualate
AMPA (α-amino-3-hydroxy-5-methylisoxazole-4-propionate); Kynurenate; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Retinal ganglion cell; Excitatory amino acid (Aizenman, E. (174) 9)

CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Epilepsy; AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); NMDA receptor antagonists; (Epileptic chickens) (Pedder, S.C.J. (175) 85)

NMDA (N-methyl-D-aspartate); Kainate; σ Receptors; Hippocampus (dorsal) (Monnet, F.P. (179) 441)

Excitatory amino acid; Spinal cord; Nociception; Antinociception; NMDA (N-methyl-D-aspartate) (Raigorodsky, G. (182) 37)

GABA (γ-aminobutyric acid); Excitotoxicity; Glutamate; NMDA (N-methyl-D-aspartate); Kainate; Cerebro-cortical culture (Erdö, S.L. (182) 203)

NMDA (N-methyl-D-aspartate); AMPA (α-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid); Kainate; Excitatory amino acid; CGS19755; LY233053; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); DNQX (6,7-dinitroquinoxaline-2,3-dione); MK-801 (Schoepp, D.D. (182) 421)

Vinpocetine; Cerebro-cortical culture; Excitotoxic cell death; NMDA (N-methyl-D-aspartate); Kainate; Glutamate (Erdö, S.L. (187) 551)

Kainate; Glutamate; Concanavalin A; GABA release; Striatal neurons (Charpentier, N. (189) 241)

Glutamate; Ca^{2+}; Kainate; NMDA; (Chick) (McMillian, M. (189) 253)

Quisqualate receptors
L-Glutamic acid diethyl ester; Kainate receptors; Discrimination learning; Glutamate (Lalonde, R. (190) 235)

Quisqualic acid
Cerebellum; cGMP; Kainic acid; NMDA (N-Methyl-D-aspartic acid); Barbiturates; Drug dependence; Drug withdrawal (McCaslin, P.P. (173) 127)

Kainic acid; cis-2,3-Piperidine dicarboxylic acid (PDA); Retina; (Salamander); (Electrophysiology) (Van der Valk, J.B.F. (184) 143)

R 56865
Phosphatidylserine monolayers; Ca^{2+}; Flunarizine (Vogelgesang, R. (188) 17)

Raclopride
Neuroleptics (chronic); Haloperidol; Clozapine; Tardive dyskinesia; (Rodent models) (See, R.E. (181) 175)

[^{3}H]Raclopride
[^{3}H]YM-09151-2; [^{3}H]Spiperone; Dopamine D-2 receptors; (Binding assay) (Terai, M. (173) 177)

Radiation inactivation
5-HT_3 receptors; N1E-115 neuroblastoma cells (Lummis, S.C.R. (189) 229)

Radioimmunoassay
Apomorphine; Oxytocin; Dopamine receptor antagonists; Brain areas; (Rat) (Melis, M.R. (182) 101)

MDL 73005EF (8-[2-(2,3-dihydro-1,4-benzodioxin-2-yl)methylamino]-8-azaspiro[4,5]decan-7,9-dione methyl sulphonate); 5-HT_{1A} receptors; 5-HT release; ACTH (adrenocorticotropin); Microdialysis (brain, in vivo) (Gartside, S.E. (191) 391)

Radioligand binding
Substance P; Tachykinin receptors; Brain (rat); Submandibular gland (rat); Autoradiography (Lew, R. (184) 97)

Ramipril
Blood pressure; Erythropoiesis; Renin system (Gould, A.B. (181) 225)

Ranitidine
Gastric acid secretion; Omeprazole; (Rat) (Seensalu, R. (180) 145)

Raphe nuclei
Norepinephrine; Serotonin; Nociception; Dialysis (in vivo) (Bowker, R.M. (175) 101)

Rauwolscine
Prazosin; α-Adrenoceptor antagonists; Venous tone; Hexamethonium; Circulatory filling pressure (mean) (D'Oyley, H.M. (182) 283)

[^{3}H]Rauwolscine binding
α_2-Adrenoceptors; Nasal mucosa; (Non-linear non-specific binding); (Subtypes) (Van Megen, Y.J.B. (182) 561)

Rb^+
Bumetanide; Diuretics (loop); β-Cells; Diabetes mellitus; Insulin release; Cl^-; Ca^{2+}; (Co-transport) (Sandström, P.-E. (187) 377)

^{86}Rb efflux
Cromakalim; Nifedipine; Ca^{2+} channels; K^+ channels; (Membrane potential) (McHarg, A.D. (185) 137)

RBL 2H3 cells
Ro19-3704; Histamine release; Leukotriene release; Mast cells; Phospholipase A_2; Phospholipase C (Gilfillan, A.M. (176) 255)

Reactivity
Dopamine D_1 receptor agonists; Dopamine D_1 receptor antagonists; Dopamine D_2 receptor agonists; Dopamine D_2 receptor antagonists; Oral hyperkinesia; Dystonia; (Monkey) (Peacock, L. (186) 49)

Receptor alkylation
α_1-Adrenoceptors; α_1-Adrenoceptor subtypes; Chlorethylclonidine; (Receptors) (Piascik, M.T. (180) 381)

Receptor autoradiography
Receptor desensitisation; GABA preincubation; $GABA_A$ receptor isomerisation; (Allosteric modulations) (Bristow, D.R. (173) 65)

Melatonin; 2-[^{125}I]Iodomelatonin; C3H/HeN mice; C57BL/6J mice (Siuciak, J.A. (180) 387)

Angiotensin II receptors; Brain; DuP 753; (Receptor subtypes); (Rat) (Rowe, B.P. (186) 339)

Benzodiazepine receptor subtypes; $GABA_A$ receptors (Mennini, T. (189) 143)

Receptor blockade (irreversible)
Muscarinic receptors; Endothelial cells; Coronary artery (bovine); [^{3}H]N-Methylscopolamine (Brunner, F. (187) 145)

Receptor classification
Muscarinic receptors; Schild analysis; Receptor coupling (Kenakin, T.P. (191) 39)

Muscarinic receptors; Schild analysis; Pirenzepine; (Resultant analysis) (Boselli, C. (191) 49)

Receptor coupling
NMDA receptor; Glycine receptor; Glycine receptor antagonist; Glycine binding (Compton, R.P. (188) 63)

Muscarinic receptors; Receptor classification; Schild analysis (Kenakin, T.P. (191) 39)

Receptor desensitisation
GABA preincubation; $GABA_A$ receptor isomerisation; Receptor autoradiography; (Allosteric modulations) (Bristow, D.R. (173) 65)

Receptor gene
Pregnane steroids; GABA (α-aminobutyric acid); Benzodiazepine receptors (Lan, N.C. (188) 403)

Receptor heterogeneity
Inositol 1,4,5-trisphosphate; Cerebellum; Adrenal cortex; Heparin (Willcocks, A.L. (189) 185)

Receptor modulation
[^{3}H]Paroxetine; [^{3}H]Citalopram; 5-Hydroxytryptamine (5-HT) transport complex; Brain (rat) (Plenge, P. (189) 129)

Receptor-operated channels (ROC)
Arterial tissue; Venous tissue; Potential-operated channels (POC); Cations; K^+-induced contractions; Agonist-induced contractions (Gouw, M.A.M. (185) 147)

σ Receptors
Dopamine D-2 receptors; Haloperidol metabolites; Movement disorders; Phosphoinositide turnover; Muscarinic acetylcholine receptors (Bowen, W.D. (177) 111)

NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; Hippocampus (dorsal) (Monnet, F.P. (179) 441)

Brain (rat); Haloperidol; (+)-[^{3}H]SK&F-10,047 (McCann, D.J. (180) 361)

Vas deferens; Rimcazole; SK&F 10,047, (+)-3-PPP (3-(3-hydroxyphenyl-N-(1-propyl)piperidine); (Mouse) (Kennedy, C. (181) 315)

NMDA (N-methyl-D-aspartate); Ketamine; Chirality; Pain; Perception; Phencyclidine receptors (Klepstad, P. (187) 513)

Brain (rat); (Subcellular fractionation) (McCann, D.J. (188) 211)

Cocaine; Deoxycorticosterone; Dopamine receptors; (+)-3-PPP ((+)-3-(3-hydroxyphenyl)-N-(1-propyl)piperidine) (Massamiri, T. (190) 295)

Receptor systems
Atropine; Antidepressant drugs; Xerostomia; Cytosolic, free Ca^{2+}; (Competitive inhibition) (Dissing, S. (177) 43)

Receptor up-regulation
Dopamine D_1 receptors; Dopamine D_2 receptors; Striatum; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine) (Weihmuller, F.B. (180) 369)

Rectum
Vasoactive intestinal peptide (VIP); Smooth muscle; (Neurotransmitter); (Chicken) (Komori, S. (175) 21)

Renal blood flow
Endothelin-1; Renal function (Hoffman, A. (182) 603)

Fenoldopam; Renal failure (chronic); (Dog) (Brooks, D.P. (184) 195)

Renal catecholamines
Dopamine; LLC-PK_1 cells; L-Dopa; Kidney; Aromatic amino acid decarboxylase (Dawson, Jr., R. (189) 423)

Renal colic
Vasopressin analogues; Papaverine; Renal pelvis (Kimoto, Y. (175) 359)

Renal cortex microvessel
Kidney (isolated, perfused); Vasodilatation; Adenylate cyclase; Parathyroid hormone; Hypercalcemia of malignancy factor (Musso, M.-J. (174) 139)

Renal failure (chronic)
Fenoldopam; Renal blood flow; (Dog) (Brooks, D.P. (184) 195)

Renal function
Endothelin-1; Renal blood flow (Hoffman, A. (182) 603)

Renal haemodynamics
Atriopeptin III; Spontaneously hypertensive rats (SHR); Goldblatt hypertension (2-K 1-C); Na^+ excretion (Johns, E.J. (185) 125)

Ozolinone; Stereospecificity; Loop diuretic; Lithium clearance; Sodium reabsorption (proximal, distal) (Shalmi, M. (180) 69)

Renal mesangial cells (rat)
Bradykinin binding; Bradykinin antagonists; Prostaglandin release (Emond, C. (190) 381)

Renal nerve activity
Cholecystokinin (CCK); Vasoactive intestinal peptide (VIP); Blood pressure; Baroreflex (Koyama, S. (175) 245)

Renal pelvis
Vasopressin analogues; Papaverine; Renal colic (Kimoto, Y. (175) 359)

Renal reabsorption
Endothelin; MDCK cells; LLC-PK_1 cells; Ca^{2+} (intracellular) (Neuser, D. (176) 241)

Renal vasodilatation
DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_2 receptors; Diuretic action (Shoji, T. (190) 247)

Renin activity (plasma)
5-HT receptor agonists; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Blood pressure; Blood flow (renal); Sympathetic nervous system (Alper, R.H. (175) 323)

Renin-angiotensin system
Vascular tissue; Captopril; Delapril; Angiotensin II; (Anesthetized rat) (Mizuno, K. (184) 169)

Renin system
Blood pressure; Erythropoiesis; Ramipril (Gould, A.B. (181) 225)

Reperfusion
Arrhythmias; Myocardial Na^{2+}; Myocardial K^{+}; Myocardial Ca^{2+}; Myocardial Mg^{2+}; Heart (rat) (Tosaki, A. (191) 69)

Reserpine
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Noradrenaline; Colon; (Mouse) (Hanani, M. (175) 273)

Body temperature; Dopamine receptor agonists; Dopamine receptor antagonists; Dopamine receptor subtypes; (Mouse) (Vasse, M. (181) 23)

Respiration
CRF (corticotropin-releasing factor); α-Helical-CRF; Brainstem; Respiratory centres; Pneumotaxic centre (Böhmer, G. (182) 405)

Respiratory centres
CRF (corticotropin-releasing factor); α-Helical-CRF; Respiration; Brainstem; Pneumotaxic centre (Böhmer, G. (182) 405)

Respiratory depression
[D-Ala^2,D-Leu^5]enkephalin; Sufentanil; Tolerance; (Rat) (Ayesta, F.J. (175) 1)

Respiratory tract fluid
Mucus secretion; Neurokinin A; Neurokinin B; Submucosal gland; Substance P; Enkephalinase (Rogers, D.F. (174) 283)

Resting state contraction
CGP 28392; BAY k 8644; Nifedipine; Mg^{2+}; Ryanodine; Excitation-contraction coupling; Ca^{2+} release; Force-frequency relation; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

Reticulata cells (rat)
Single neurons activity; Zolpidem; Alpidem; Benzodiazepine receptor subtypes (type I, type II) (Mereu, G. (179) 339)

Reticulocytes
Adenylate cyclase; β-Adrenoceptor desensitization; Alkaline phosphatase; (Rat) (Yamashita, A. (188) 229)

Retina
Kainic acid; Quisqualic acid; cis-2,3-Piperidine dicarboxylic acid (PDA); (Salamander); (Electrophysiology) (Van der Valk, J.B.F. (184) 143)

Retinal ganglion cell
Quisqualate; AMPA (α-amino-3-hydroxy-5-methylisoxazole-4-propionate); Kynurenate; CNQX (6-cyano-7-nitroquinoxaline-2,3-dione); Excitatory amino acid (Aizenman, E. (174) 9)

$GABA_A$ receptors; $GABA_B$ receptors; Baclofen; Phaclofen (Ikeda, H. (190) 1)

Retorphan
Sinorphan; Enkephalinase (EC 3.4.24.11) (plasma); ANF immunoreactivity (plasma) (Lecomte, J.-M. (179) 65)

Reward
Dopamine; GBR 12909; SCH 23390 (Rompré, P.-P. (182) 181)

Dopamine; Dopamine D_2 receptors; Orosensory stimuli; Sucrose; Lick patterns; (Sweet taste); (Water) (Schneider, L.H. (186) 61)

RGH-2202
TRH (thyrotropin-releasing hormone); Haemorrhagic shock; Arterial pressure (mean); Survival (Coppi, G. (182) 185)

Rhein
Sennosides; Rheinanthrone; Histamine; Colon (rat) (Autore, G. (191) 97)

Rheinanthrone
Sennosides; Rhein; Histamine; Colon (rat) (Autore, G. (191) 97)

Ridogrel
Thromboxane A_2 synthetase inhibition; Prostaglandin endoperoxide receptor antagonism; Platelet function (De Chaffoy de Courcelles, D. (188) 161)

Rilmenidine
α_2-Adrenoceptor agonists; Baroreflex function (Spiers, J.P. (181) 235)

Rimcazole
σ Receptors; Vas deferens; SK&F 10,047, (+)-3-PPP (3-(3-hydroxyphenyl-N-(1-propyl)piperidine); (Mouse) (Kennedy, C. (181) 315)

Rin-m cells
Galanin; Somatostatin release; G-proteins (guanine nucleotide-binding proteins) (Amiranoff, B. (191) 401)

Ritanserin
Dopamine; 5-HT (5-hydroxytryptamine, serotonin); Clozapine; Haloperidol; Neuroleptics (Lappalainen, J. (190) 403)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; ICI 169,369; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); Tail-flicks (spontaneous); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Bervoets, K. (191) 185)

mRNA
Galanin; Neuropeptide Y (NPY); Hybridization (in situ); Gene regulation; Locus coeruleus (Gundlach, A.L. (184) 163)

Bifemelane; Idebenone; Vinpocetine; Ca^{2+} channels; Oocytes (*Xenopus*); Brain; (Guinea-pig) (Kaneko, S. (189) 51)

R56865 (N-[1-[4-(4-fluorophenoxy)butyl]-4-piperidinyl]-N-methyl-2-benzothiazolamine)
Membrane currents; Cardiomyocytes (isolated); Cardiac glycoside intoxication (Himmel, H.M. (187) 235)

Ro5-4864
PK 11195; Bronchial reactivity; (Guinea-pig) (Marano, G. (179) 237)

Benzodiazepines (peripheral effects); Uterine relaxation; PK 11195 (Kazanietz, M.G. (185) 231)

Benzodiazepine receptors (peripheral); Fibroblasts (rat); (Quaternary ligand) (Weissman, B.A. (187) 369)

Ro15-1788
Anaesthesia antagonists; Ro15-4513; β-CCE (ethyl-β-carboline-3-carboxylate); Methoxyflurane; (Rat) (Miller, D.W. (173) 1)

CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); Phencyclidine; Passive avoidance deficit; Benzodiazepines (DeNoble, V.J. (175) 197)

Tolerance; Diazepam; WAG/Rij inbred strain; Epilepsy (non-convulsive) (Peeters, B.W.M.M. (178) 111)

GABA (γ-aminobutyric acid); Benzodiazepine; Ro15-4513; Photoaffinity labeling; Flumazenil (Borden, L.A. (188) 391)

[^{11}C]Ro 15-1788
Suriclone; Benzodiazepine receptors (central type); Positron emission tomography (PET); (Baboon) (Brouillet, E. (175) 49)

Ro15-1788 (perinatal)
Infantile stimulation; Elevated plus-maze; Exploration; (Rat) (Fernández-Teruel, A. (191) 111)

Ro15-4513
Anaesthesia antagonists; Ro15-1788; β-CCE (ethyl-β-carboline-3-carboxylate); Methoxyflurane; (Rat) (Miller, D.W. (173) 1)

Ethanol; Benzodiazepines; Barbiturates; (Rat) (Deacon, R.M.J. (180) 283)

GABA (γ-aminobutyric acid); Benzodiazepine; Photoaffinity labeling; Flumazenil; Ro15-1788 (Borden, L.A. (188) 391)

Ro19-3704
Histamine release; Leukotriene release; RBL 2H3 cells; Mast cells; Phospholipase A_2; Phospholipase C (Gilfillan, A.M. (176) 255)

Ro31-6930
Cromakalim; Doppler flowmetry (pulsed); Haemodynamics; (Anaesthetised rat) (Duty, S. (185) 35)

Rotation
Corpus striatum; Dopamine receptors; SCH 23390; Sulpiride; (Rat) (Konitsiotis, S. (179) 201)

RP49356
ATP-sensitive K^+ channels; Cromakalim; Diazoxide; Glibenclamide; Galanin; Portal vein (rat) (Longmore, J. (190) 75)

RP52891
Glyburide; 5-Hydroxydecanoate, sodium; Myocardial ischemia; K^+ channel activators (Grover, G.J. (191) 11)

RU 486
Oxytocin receptors; Myometrium; Pregnancy (Alj, A.E. (186) 231)

RU 24969 (5-methoxy-3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-indole)
5-HT (5-hydroxytryptamine, serotonin); TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine) (Auerbach, S.B. (190) 51)

Runway performance
D-Fenfluramine; Food intake; 5-HT_1 receptors (central) (Neill, J.C. (190) 105)

Ruthenium red
Capsaicin; Substance P; Calcitonin gene-related peptide (CGRP) (Takaki, M. (174) 57)

Capsaicin; CGRP (calcitonin gene-related peptide); Ileum; (Ascending pathway); (Guinea-pig) (Jin, J.-G. (180) 13)

Piperine; Capsaicin; Calcitonin gene-related peptide (CGRP); Substance P; Ileal motility; (Guinea-pig) (Takaki, M. (186) 71)

Capsaicin; Afferent neurons (primary) (Amann, R. (186) 169)

Ryanodine
CGP 28392; BAY k 8644; Nifedipine; Mg^{2+}; Excitation-contraction coupling; Ca^{2+} release; Force-frequency relation; Resting state contraction; Ca^{2+} channels (L-type) (Saxon, M. (178) 37)

1389-S
Na^+ channel block; Myocytes (ventricular) (Hisatome, I. (179) 447)

S 4216
H^+/K^+-ATPase; Parietal cells; Omeprazole; Hoe 731 (Beil, W. (187) 455)

Salivary gland
Domperidone; Dopamine; Hyperpolarization; (Cockroach) (Evans, A.M. (191) 465)

Salivation
Muscarinic receptors; Hypothermia; Central nervous system (CNS); Brain penetration; (Ex vivo binding) (Freedman, S.B. (174) 253)

Muscarinic receptor agonists; Muscarinic receptors; Hypothermia; Oxadiazoles; (Efficacy); (Central muscarinic activity); (Ex vivo binding) (Freedman, S.B. (187) 193)

Saphenous vein
5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; Ketanserin; Methiothepin; (Rabbit) (Van Heuven-Nolsen, D. (191) 375)

Saphenous vein (human)
Endothelin; Mammary artery (human, internal); Endothelium; EDRF (endothelium-derived relaxing factor) (Costello, K.B. (186) 311)

Sarafotoxin
Endothelin; Norepinephrine release; Neurotransmission; Mesenteric vascular bed; Hypertension (Han, S.-P. (177) 29)

Sarafotoxin-6b (SRTX-6b)
Endothelin isopeptides; Autoradiography; Kidney (human) (Waeber, C. (176) 233)

Sarafotoxins
Heart (rat); Phosphoinositide (PI) hydrolysis; Endothelins; Aging; (Receptor) (Galron, R. (188) 85)

Saralasin
Angiotensin II; 5-HT (5-hydroxytryptamine, serotonin); Depolarisation; Temperature sensitivity; Nodose ganglion; (Rat) (Widdop, R.E. (185) 107)

Sarcolemma
Ca^{2+} channel antagonist; Anipamil; Verapamil; Nifedipine; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Sarcoplasmic reticulum
Diltiazem; Caffeine; Ca^{2+} release (spontaneous); Skinned fiber (Asayama, J. (175) 309)

Ca^{2+} release (Ca-induced); Caffeine; Dantrolene; Skeletal muscle (skinned) (Ohta, T. (178) 11)

Muscle damage; Dantrolene sodium; Exercise; Creatine kinase; Isoenzymes; Histology; Ca^{2+} (Amelink, G.J.H. (179) 187)

[Sar^1,Val^5,Ala^8]angiotensin II
Angiotensin I; Angiotensin II; Neurotransmission (inhibition of); Ear artery (rabbit, isolated); Captopril (Rónai, A.Z. (179) 281)

Saururus cernuus
Manassantin A; Neuroleptics; Haloperidol; Tranquilizer (major) (Rao, K.V. (179) 367)

Sauvagine
CRF (corticotropin-releasing factor); Vagotomy; Hypophysectomy; Adrenalectomy; Corticosterone; Gastric emptying (Broccardo, M. (182) 357)

Saxitoxin
Na^+ channels; Tetrodotoxin; Smooth muscle (venous) (Mironneau, J. (184) 315)

SCH 23390
Thyrotropin-releasing hormone (TRH); Dopamine D-1 receptors (Popoli, P. (173) 211)

Grooming behaviour; Neuropeptides; Sulpiride; SK&F 38393; Quinpirole (Van Wimersma Greidanus, T.B. (173) 227)

Turning; Ventral striatum; (−)-Sulpiride; YM-09151-2; cis(Z)-Flupentixol (Koshikawa, N. (178) 233)

Corpus striatum; Dopamine receptors; Sulpiride; Rotation; (Rat) (Konitsiotis, S. (179) 201)

Dopamine autoreceptors; Dopamine D-1 receptors; Dopamine D-2 receptors; Dopamine metabolism; Quinpirole (Lappalainen, J. (179) 315)

Dopamine; GBR 12909; Reward (Rompré, P.-P. (182) 181)

Pilocarpine; Convulsions; SK&F 38393; Substantia nigra (Al-Tajir, G. (182) 245)

Dopamine release; SK&F 38393; Striatum; Intracerebral dialysis; Development (Walters, D.E. (184) 257)

Vasopressin; Oxytocin; Neurotensin; Naloxone; Naloxone methobromide; Grooming behaviour (Van Wimersma Greidanus, T.B. (187) 1)

Fenoldopam; Propylbutyldopamine; Domperidone; Coronary resistance; Peripheral resistance (Zhao, R.-R. (190) 193)

Dopamine D_1 receptors; Dopamine D_2 receptors; Behavioral effects; Bombesin; SK&F 38393; Eticlopride; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour; Locomotion (Merali, Z. (191) 281)

[^{3}H]SCH 23390
Paraxanthine; Methylxanthines; Dopamine D-1 receptors; Striatum (Ferré, S. (179) 295)

Adenylate cyclase; Dopamine receptor agonists; Dopamine D_1 receptor; Dopamine D_2 receptor; (Efficacy); (In vivo); (In vitro); (Selectivity) (Andersen, P.H. (188) 335)

Schedule-controlled behaviour
μ Opioids; κ Opioids; Tolerance/cross-tolerance; Squirrel monkeys (Doty, P. (174) 171)

Schild analysis
Muscarinic receptors; Receptor classification; Receptor coupling (Kenakin, T.P. (191) 39)

Muscarinic receptors; Receptor classification; Pirenzepine; (Resultant analysis) (Boselli, C. (191) 49)

Schizophrenia
N-0437; Dopamine D_2 receptor agonists; Antipsychotic action; Behavioural models; (Stereoisomers); (Partial agonist) (Timmerman, W. (181) 253)

SCN^- anions
Smooth muscle (vascular); Cl^- ions; Sex hormones; Sexual dimorphism; Ca^{2+} metabolism (Zhang, A. (179) 287)

Scopolamine
Microdialysis; Acetylcholine; Choline; Oxotremorine; Nicotine; Brain regions (Toide, K. (173) 133)

Muscarinic receptor subtypes; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine; Aorta (rabbit) (Manjeet, S. (174) 99)

Azaprophen; Trihexyphenidyl; Physostigmine; Acetylcholine receptors; Tolerance (Genovese, R.F. (176) 271)

Muscarinic receptors; Inositol monophosphate; cAMP; Aorta; Endothelium; Smooth muscle (vascular); Acetylcholine; Atropine (Sim, M.K. (189) 399)

Scratching
Substance P; Substance P analogues containing D-histidine; Biting; Licking; Spinal cord; (Mouse) (Sakurada, T. (174) 153)

Second messengers
Smooth muscle (cerebrovascular); Forskolin; Phorbol 12,13-dibutyrate; Pial vessels; (In vitro pharmacology) (Horsburgh, K. (191) 205)

Second messenger systems
Muscarinic receptors; Primary cultured neurons; Up-regulation; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Secretion
Melanocortins; MSH (melanocyte stimulating hormone) receptors; Lacrimal glands; Neurotransmitters (Leiba, H. (181) 71)

Seizures
Alcohol withdrawal; Ethanol; NMDA (N-methyl-D-aspartate); MK-801; Excitatory amino acid (Morrisett, R.A. (176) 103)

Analgesia; Opioid receptors; Morphine; Intrathecal administration; (Non-opioid effects) (Yoburn, B.C. (176) 63)

Electroshock (maximal); Aminophylline; Ca^{2+} channel inhibitors; Antiepileptics (Czuczwar, S.J. (176) 75)

Ca^{2+}; Chelators; Fluoroacetic acid; Fluorocitric acid; EDTA; EGTA; Toxicity (Hornfeldt, C.S. (179) 307)

Excitatory amino acid; NMDA receptors; (Mouse) (Mathis, C. (185) 53)

Cortex (inferior collicular); Nicotinic acetylcholine receptor antagonists; Apamin; Ca^{2+}-dependent K^+ channels (McCown, T.J. (187) 49)

κ Opioid receptors; Glycine/NMDA receptors; NMDLA (N-methyl-DL-aspartate); NMDLA infusion (Singh, L. (191) 477)

β_2/β_1-Selectivity ratio
β-Adrenoceptor agonists; Trimetoquinol; N-Benzyl-substituted analogues; Atria (guinea-pig); Trachea (guinea-pig) (Shams, G. (184) 251)

Semicircular canal
Vestibular dysfunctions; Phenazine methosulfate; Free radicals; Trimetazidine (Aubert, A. (174) 215)

Senktide
Neurokinin A; Neurokinin B; 5-HT release; Substance P; Spinal cord slices (ventral) (Franck, J. (174) 85)

Sennosides
Rhein; Rheinanthrone; Histamine; Colon (rat) (Autore, G. (191) 97)

Sensitization (pharmacological)
Tardive dyskinesia; Oral dyskinesia; Haloperidol (intermittent); Zuclopenthixol (intermittent); Drug holidays (rat); (Animal models) (Glenthøj, B. (190) 275)

Sensory fibres
Capsaicin; Adrenal medulla; Catecholamines; Noradrenaline; Adrenaline (Zhou, X.-F. (186) 247)

Sensory nerves
Heart; Opioid receptors; DAGO ([D-Ala^2,N-MePhe^4,Gly^5-ol]enkephalin); DADLE ([D-Ala^2,D-Leu^5]enkephalin) (Mantelli, L. (180) 325)

Sensory nerves (efferent function of)
Toluene diisocyanate; Capsaicin (Mapp, C.E. (180) 113)

Septic shock
L-Arginine; Haemodynamics; EDRF (endothelium-derived relaxing factor) (Thiemermann, C. (182) 591)

Serine
Glycine; [^{3}H]Noradrenaline release; Strychnine-sensitive receptors; Hippocampal slices (rat); Hippocampal synaptosomes (rat) (Raiteri, M. (184) 239)

D-Serine
Cortical neurons; Somatostatin; NMDA receptors; Zn^{2+}; Kynurenic acid (Tapia-Arancibia, L. (186) 319)

Sex hormones
Smooth muscle (vascular); Cl^- ions; SCN^- anions; Sexual dimorphism; Ca^{2+} metabolism (Zhang, A. (179) 287)

Sexual behaviour
Prenatal diazepam; Ultrasonic vocalization; Locomotion; (Rat) (Cagiano, R. (177) 67)

Sexual behaviour (male)
Oxytocin; Aging; Sexual decline; (Rat) (Arletti, R. (179) 377)

Sexual decline
Sexual behaviour (male); Oxytocin; Aging; (Rat) (Arletti, R. (179) 377)

Sexual dimorphism
Smooth muscle (vascular); Cl^- ions; SCN^- anions; Sex hormones; Ca^{2+} metabolism (Zhang, A. (179) 287)

SGB-1534
Kidney; α-Adrenoceptors; Vasoconstriction; Prazosin (Chiba, K. (176) 263)

Shay-model
Ulcer (experimental); Morphine; Naloxone; [D-Met^2,Pro^5]enkephalinamide (Till, M. (175) 355)

SH-SY5Y
Neuroblastoma; [^{3}H]CTOP; μ Opioid receptors (Toll, L. (176) 213)

Signal transduction
PAF (platelet-activating factor, PAF-acether); Prostaglandin I_2; Thromboxane A_2; Dental pulp; (Rat); (Receptors) (Hirafuji, M. (185) 81)

T-cell receptors; Inositol phosphates; Fluoride; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

Silver
[^{3}H]β-CCE ([^{3}H]β-carboline-3-carboxylic acid ethyl ester); Non-benzodiazepine binding sites; Forebrain (rat) (Korneyev, A.Y. (173) 201)

Single channels
$GABA_A$ receptors; Expression; Cell lines (stable); Patch-clamping (Moss, S.J. (189) 77)

Single neurons activity
Reticulata cells (rat); Zolpidem; Alpidem; Benzodiazepine receptor subtypes (type I, type II) (Mereu, G. (179) 339)

Single unit recording
MDMA (3,4-methylenedioxymethamphetamine); L-Tryptophan; Dorsal raphe nucleus; Microdialysis (Sprouse, J.S. (178) 313)

Sino-atrial (SA) node
Heart (dog); Ventricle (left); Atrium (right); Vagus nerve; Vasoactive intestinal peptide (VIP) (Karasawa, Y. (187) 9)

G-proteins; Pertussis toxin (Braun, A.P. (189) 105)

Muscarinic acetylcholine receptors; Atrium; Guanine nucleotides; Phospholipase; N-Ethylmaleimide (Braun, A.P. (189) 201)

Sinorphan
Enkephalinase (EC 3.4.24.11) (plasma); Retorphan; ANF immunoreactivity (plasma) (Lecomte, J.-M. (179) 65)

Skeletal muscle
β_1-Adrenoceptors; β_2-Adrenoceptors; Chronic treatment; Ventricle (isolated); ^{125}I-Cyanopindolol; Adenylate cyclase; (Antagonists) (Elfellah, M.S. (173) 85)

Skeletal muscle (human)
Myotonia; K^+ channel openers; Voltage clamp; Membrane conductance (Quasthoff, S. (186) 125)

Skeletal muscle (mammalian)
Denervation; Ca^{2+} binding sites; Amphiphiles; (Contraction) (Léoty, C. (174) 91)

Skeletal muscle (skinned)
Ca^{2+} release (Ca-induced); Caffeine; Dantrolene; Sarcoplasmic reticulum (Ohta, T. (178) 11)

SK&F 38393
Grooming behaviour; Neuropeptides; SCH 23390; Sulpiride; Quinpirole (Van Wimersma Greidanus, T.B. (173) 227)

5-HT_{1A} receptor agonists; Vacillatory behavior; Spontaneous alternation; Chlomipramine (Whitaker-Azmitia, P.M. (180) 305)

Pilocarpine; Convulsions; SCH 23390; Substantia nigra (Al-Tajir, G. (182) 245)

Dopamine release; SCH 23390; Striatum; Intracerebral dialysis; Development (Walters, D.E. (184) 257)

Dopamine D_1 receptors; Dopamine D_2 receptors; Bromocriptine; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dyskinesia (Monkey) (Rouillard, C. (185) 209)

Dopamine D_1 receptors; Dopamine D_2 receptors; Behavioral effects; Bombesin; Eticlopride; SCH 23390; PPHT (2-(N-phenethyl-N-propyl)amino-5-hydroxytetralin); Grooming behaviour; Locomotion (Merali, Z. (191) 281)

Amphetamine; Ascorbate; GBR 12909; Neostriatum; Quinpirole; Voltammetry (in vivo) (Pierce, R.C. (191) 295)

SK&F 82526
Adenylate cyclase activity; Dopamine receptors; Lisuride; Neuronal plasticity (Nisoli, E. (176) 85)

SK & F 10,047, (+)-3-PPP (3-(3-hydroxyphenyl-N-(1-propyl)piperidine)
σ Receptors; Vas deferens; Rimcazole; (Mouse) (Kennedy, C. (181) 315)

(+)-[^{3}H]SK&F 10,047
Brain (rat); σ Receptors; Haloperidol (McCann, D.J. (180) 361)

SK&F 103944
Leukotriene receptors; Ileum (guinea-pig); FPL 55712; ICI 198615 (Gardiner, P.J. (182) 291)

Skinned fiber
Diltiazem; Caffeine; Ca^{2+} release (spontaneous); Sarcoplasmic reticulum (Asayama, J. (175) 309)

Small intestine
Neurotensin; Neuromedin-N; Water absorption (Spokes, R.A. (175) 43)

Enteric nerves; Adrenergic nerves; Intestinal secretion; Ion transport (Carey, H.V. (181) 43)

Small intestine (in vitro preparations)
Ethylenediamine (EDA); (Rat); (Guinea-pig) (Krantis, A. (177) 9)

Small intestine (isolated)
Jejunum; Ileum; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal polypeptide (VIP); (Human) (Maggi, C.A. (185) 169)

Smooth muscle
Muscarinic acetylcholine receptors; Myenteric plexus; Presynaptic receptors (Kostka, P. (173) 35)

[Arg^8]vasopressin (AVP); Bladder; (Rabbit) (Crankshaw, D. (173) 183)

Taenia caeci; Inhibitory junction potential; ATP; Suramin (Den Hertog, A. (173) 207)

Membrane conductance; Taenia caeci; Glibenclamide; Cromakalim (Den Hertog, A. (174) 287)

Vasoactive intestinal peptide (VIP); Rectum; (Neurotransmitter); (Chicken) (Komori, S. (175) 21)

α-Adrenoceptors; β-Adrenoceptors; Pulmonary artery; β-Adrenoceptor antagonists (Abdelrahman, A. (181) 83)

Non-steroidal antiinflammatory drugs; Ca^{2+}; Prostaglandins (Jeremy, J.Y. (182) 83)

Ca^{2+}; Ca reversal; EGTA; Ouabain; Stomach (Karibe, H. (182) 273)

Endothelin-1; Vas deferens; Adrenergic neurotransmission; Felodipine (Wiklund, N.P. (185) 25)

Ca^{2+}; 1,4-Dihydropyridines; Tiamdipine; [^{3}H]PN 200-110; Ca^{2+} channel activators (Galletti, F. (185) 157)

Protein kinase; Cytoskeleton; Uterus (rat) (Karibe, H. (188) 407)

DDT_1 MF-2 cells; Ca^{2+} (intracellular); Membrane current; α_{1B}-adrenoceptors; Inositol phosphates (Nelemans, A. (189) 41)

Nitroprusside; Isoprenaline; cGMP; cAMP; Aorta (rat) (Maurice, D.H. (191) 471)

Smooth muscle (airway)
Pinacidil; Cromakalim; Glibenclamide; K^+ channels (Nielsen-Kudsk, J.E. (180) 291)

Opioids; β-Endorphin; Dynorphin; Parasympathetic contraction (Horii, S. (182) 497)

Azelastine; Desmethylazelastine; Trachealis (human); Bronchomotor tone; (Electromechanical responses) (Richards, I.S. (186) 331)

Azelastine; Trachea (guinea-pig); Acetylcholine; Ca^{2+} channel antagonists; Tetraethylammonium (Lee, H.-K. (187) 67)

Trachea; Epithelium; EpDRF (epithelium-derived relaxing factor); (Reactivity) (Fedan, J.S. (190) 337)

Smooth muscle cells
Atherosclerosis; Cell culture; Cell proliferation; E5050 (Saeki, T. (189) 23)

Aorta; Endothelin-1; Tachyphylaxis; (Desensitization); (Rabbit) (Miasiro, N. (179) 151)

Substance P; Acetylcholine; Ileum (guinea-pig); Membrane currents (Nakazawa, K. (179) 453)

DDT_1 MF-2 cells; P_2 purinoceptors; Inositol phosphates; Membrane currents (Hoiting, B. (181) 127)

Neurokinin A; Substance P; Vas deferens (rat); K^+ currents (Nakazawa, K. (182) 189)

DDT_1 MF-2; P_2 purinoceptors; Inositol phosphates; Intracellular Ca^{2+} (Hoiting, B. (189) 31)

Smooth muscle cells (vascular)
Nitric oxide (NO); Glyceryl trinitrate; Sodium nitroprusside; DNA synthesis; Growth (Nakaki, T. (189) 347)

Smooth muscle (cerebrovascular)
Second messengers; Forskolin; Phorbol 12,13-dibutyrate; Pial vessels; (In vitro pharmacology) (Horsburgh, K. (191) 205)

Smooth muscle effect
Ileum (cat isolated terminal); GABA (γ-aminobutyric acid); Baclofen; $GABA_B$ receptors (Pencheva, N. (182) 199)

Smooth muscle (ileal)
Trimebutine; [^{3}H]Nitrendipine binding; Taenia cecum; (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

Smooth muscle tone
Endothelin; Atriopeptin III; Methoxamine; Aorta; (Rabbit) (Opgenorth, T.J. (191) 351)

Smooth muscle (vascular)
Muscarinic receptor subtypes; Endothelium; Acetylcholine; Atropine; Scopolamine; Aorta (rabbit) (Manjeet, S. (174) 99)

Cadralazine; ISF-2405; Ca^{2+} signals; Fura-2; (Rabbit); (Dog) (Mitsui, M. (178) 171)

Artery; Norepinephrine; Peripheral resistance; Vascular resistance (Nielsen, H. (179) 1)

Aorta (rat); Phorbol ester; EDRF (endothelium-derived relaxing factor); Protein kinase C (Sakata, K. (179) 207)

Cl^- ions; SCN^- anions; Sex hormones; Sexual dimorphism; Ca^{2+} metabolism (Zhang, A. (179) 287)

Tail artery; Fura 2-Ca^{2+} signal; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Ca^{2+}; (Rat) (Thorin-Trescases, N. (179) 469)

Protein kinase C; ANF (atrial natriuretic factor); Atriopeptin III (Sauro, M.D. (180) 373)

Adenosine; Protein kinase C; Polymyxin B; 1-Oleoyl-2-acetyl-sn-glycerol (Serban, D.N. (180) 377)

Muscarinic receptor subtypes; Muscarinic M_3-selective receptor antagonists; p-Fluoro-hexahydro-sila-difenidol; Ear artery (rabbit); Coronary artery (bovine); Vascular endothelium (Duckles, S.P. (185) 227)

Angiotensin II; Action potential; Membrane depolarization; Ion conductance; Ca^{2+} currents (Johns, D.W. (187) 183)

Adenosine receptors; CGS-15943A; Adenosine receptor antagonists; Coronary artery (human); Mammary artery (internal) (Sabouni, M.H. (187) 525)

α_1-Adrenoceptors; G-proteins; Age; Contraction; Phorbol ester (Jagadeesh, G. (189) 11)

Benzodiazepine binding sites (peripheral type); [^{3}H]PK 11195; Lipocortin I; Anti-lipocortin I antiserum (Mihara, S.-i. (189) 233)

Muscarinic receptors; Inositol monophosphate; cAMP; Aorta; Endothelium; Acetylcholine; Atropine; Scopolamine (Sim, M.K. (189) 399)

α_1-Adrenoceptors; Norepinephrine; Ca^{2+} (Han, C. (190) 97)

Pinacidil; K^+ channel activators; Ca^{2+} signals; Fura-2; (Rat) (Anabuki, J. (190) 373)

Endotoxin; Ca^{2+}; L-Arginine pathway (Gray, G.A. (191) 89)

Prostaglandin $F_{2\alpha}$-induced contractions; Thromboxane receptor antagonists; Coronary artery (Nakajima, M. (191) 359)

Smooth muscle (vascular) contractions
Ouabain; Ca^{2+} dependence; Spontaneously hypertensive rats (SHR); Na^+-Ca^{2+} exchange (Shibata, R. (190) 147)

Smooth muscle (venous)
Na^+ channels; Saxitoxin; Tetrodotoxin (Mironneau, J. (184) 315)

SND 919
Prolactin; Anterior pituitary (rat); Talipexole (B-HT 920); Dopamine D_2 receptor agonists; Estrogens (Domae, M. (179) 75)

Sodium cholate
5-HT_3 binding sites; (S-)[^{3}H]Zacopride; $(NH_4)_2SO_4$; (Solubilization) (Gordon, J.C. (188) 313)

Sodium iodide
Ascorbic acid; Autoradiography; Trachea; Lung; (Binding) (Self, G.J. (176) 169)

Sodium nitroprusside
Atrial natriuretic peptide (ANP); cGMP; Aorta (isolated) (Stasch, J.-P. (174) 279)

Nitric oxide (NO); Glyceryl trinitrate; Smooth muscle cells (vascular); DNA synthesis; Growth (Nakaki, T. (189) 347)

Sodium reabsorption (proximal, distal)
Ozolinone; Stereospecificity; Loop diuretic; Lithium clearance; Renal haemodynamics (Shalmi, M. (180) 69)

Somatostatin
Epilepsy; Kainic acid; MK-801; Brain damage; Neuropeptide Y (NPY) (Marksteiner, J. (181) 241)

Pentylenetetrazole; Cysteamine; Cortical kindling; Limbic kindling (Barkai, E. (182) 167)

Cortical neurons; NMDA receptors; Zn^{2+}; D-Serine; Kynurenic acid (Tapia-Arancibia, L. (186) 319)

Somatostatin analogues
Antisecretory effects; Descending colon mucosa; Electrogenic Cl^- secretion (Ferrar, J.A. (184) 295)

Somatostatin receptors
Nicotine; Mecamylamine; Brain; (Rat) (Barrios, V. (179) 263)

Somatostatin release
Galanin; Rin-m cells; G-proteins (guanine nucleotide-binding proteins) (Amiranoff, B. (191) 401)

Somatostatin secretion
P_2 purinoceptor agonists; Purinoceptors; Pancreas; (Dog) (Bertrand, G. (182) 369)

Sotalol
Class III effect; N-Acetylprocainamide; K^+ currents (delayed outward) (Komeichi, K. (187) 313)

Spare receptors
Cephalic vein (canine); α_1-Adrenoceptors; α_2-Adrenoceptors; Phenoxybenzamine (Moura, D. (179) 9)

Spermidine
Polyamines; MK-801; N-methyl-D-aspartate (NMDA); Glutamate receptors; Brain (human); Ifenprodil (Steele, J.E. (189) 195)

Spermine
Glycine; NMDA receptors; Enantiomers; HA-966 (1-hydroxy-3-amino-pyrrolidone-2) (Pullan, L.M. (189) 237)

Sphincteric relaxation
μ Opioid receptors; δ Opioid receptors; Esophageal sphincter (lower); Enteric neurons (Barnette, M.S. (182) 363)

Spinal action
Neurokinins; Bradykinin; Neurokinin receptors; Vascular permeability; Vagal mechanism; (Selective agonists) (Jacques, L. (184) 9)

Spinal cord
Substance P; Substance P analogues containing D-histidine; Scratching; Biting; Licking; (Mouse) (Sakurada, T. (174) 153)

Noradrenaline; Neuropeptide Y (NPY); Sympathetic nervous system; Nociception (Donnerer, J. (181) 147)

Excitatory amino acid; Nociception; Antinociception; NMDA (N-methyl-D-aspartate); Quisqualate (Raigorodsky, G. (182) 37)

Electrophysiology; CGP 37849; CGP 39551; AP5; Hippocampus; Substantia nigra; NMDA receptor competitive antagonists; (Rat) (Pozza, M.F. (182) 91)

Nociception; Flexor reflex; Substance P; Morphine; Unmyelinated afferents; (Intrathecal) (Xu, X.-J. (182) 137)

Morphine; Tolerance-dependence; Abstinence; 5-HT_{1A} receptors; Brain regions; Hypothermia; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin (Gulati, A. (182) 253)

Tonic electrodermal activity; Prazosin; Yohimbine; Monoamine depletion; α-Adrenoceptors (CNS); Sudomotor mechanisms (Koss, M.C. (182) 381)

Baclofen; $GABA_B$ receptor antagonists; CGP 35348; $GABA_B$ receptors; GABA (γ-aminobutyric acid); Hippocampus; (Rat) (Olpe, H.-R. (187) 27)

Capsaicin; Nociceptors (peripheral); Antinociception; Substance P (Dickenson, A. (187) 225)

Dihydropyridines; ω-Conotoxin; Ca^{2+} channels (voltage-dependent); Synaptosomes; 5-HT release (Gandhi, V.C. (187) 271)

Analgesia; Formalin test; Pain; U-50,488H; Naloxone; WIN 44,441-3; κ Opioid receptors (Pelissier, T. (190) 287)

Morphine; Tolerance-dependence; Abstinence; DAMGO ([D-Ala^2,$MePhe^4$,Gly^5-ol]enkephalin); B_{max} (maximal binding capacity); K_d (apparent dissociation constant); Brain regions (Bhargava, H.N. (190) 305)

NMDA (N-methyl-D-aspartate); 7-Chlorokynurenic acid; HA-966; Glycine; Cortical wedge; (Electrophysiology) (Brugger, F. (191) 29)

Opioids; Flexor reflex; Spinal cord injury (Hao, J. (191) 407)

Spinal cord excitation
Straub tail reaction; Dopamine D_2 receptors (Hasegawa, Y. (184) 207)

Spinal cord injury
NMDA receptor antagonists; Excitotoxins; 5-Hydroxytryptamine (5-HT, serotonin) (Faden, A.I. (175) 165)

Opioids; Spinal cord; Flexor reflex (Hao, J. (191) 407)

Spinal cord slices (ventral)
Neurokinin A; Neurokinin B; Senktide; 5-HT release; Substance P (Franck, J. (174) 85)

[^{3}H]Spiperone
[^{3}H]YM-09151-2; [^{3}H]Raclopride; Dopamine D-2 receptors; (Binding assay) (Terai, M. (173) 177)

[^{3}H]Spiperone binding
Flunarizine; Cocaine; (−)-Sulpiride; Microdialysis; Motor activity (Pani, L. (190) 223)

Splenocytes (rat)
Protein kinase C (nuclear); Prolactin; Immunomodulators; Prolactin receptors (nuclear) (Russell, D.H. (188) 139)

Sponges
Proteinase inhibitors; Kinins; Inflammation (Damas, J. (175) 341)

Spontaneous alternation
5-HT_{1A} receptor agonists; SK&F 38393; Vacillatory behavior; Chlomipramine (Whitaker-Azmitia, P.M. (180) 305)

Spontaneously hypertensive rat (SHR)
Sympathetic neurotransmission; Pithed rat; Tail artery; Purines; α-Adrenoceptor antagonists (Dalziel, H.H. (173) 19)

Adenosine; Adenosine A_1-receptors; Tail artery (rat); (Neurotransmission) (Illes, P. (174) 237)

Vascular reactivity; Protein kinase C; Phorbol ester; H-7 (Shibata, R. (175) 261)

Thiorphan; Acetorphan; Volume loading; ANF (atrial natriuretic factor) (Bralet, J. (179) 57)

Cerebral blood flow; Antihypertensive drugs; Nifedipine; Captopril; Propranolol (Ooboshi, H. (179) 253)

Ca^{2+} sensitivity; Dihydropyridines; Mesenteric resistance artery (Boonen, H.C.M. (179) 403)

Endothelin-1; Vasodilatation (regional); Intracarotid injection; Atrial natriuretic peptide (ANP) (Fozard, J.R. (180) 153)

l-Nebivolol; d-Nebivolol; Arterial blood pressure; Heart rate (Xhonneux, R. (181) 261)

Blood pressure; Ca^{2+} channel blockers; Carbon monoxide; Cardiac hypertrophy; Heart rate; Polycythemia; Verapamil (Penney, D.G. (182) 29)

Wistar-Kyoto rats (WKY); Hypothalamus; Norepinephrine release; Neuropeptide Y (NPY); Hypertension (Tsuda, K. (182) 175)

Nitrovasodilators; Phosphodiesterase inhibitors; Zaprinast; Atrial natriuretic peptide (ANP); (Blood pressure) (Dundore, R.L. (185) 91)

Atriopeptin III; Goldblatt hypertension (2-K 1-C); Renal haemodynamics; Na^+ excretion (Johns, E.J. (185) 125)

Baroreceptor heart rate reflex; Bezold-Jarisch reflex; Ketanserin; Vagal afferents; Wistar-Kyoto rats (WKY) (Widdop, R.E. (186) 17)

Angiotensin II receptor antagonists; Antihypertensive agents; Blood pressure; Monoclonal antibody (Wong, P.C. (186) 353)

Bepridil; Norepinephrine; Caffeine; Bepridol (methylated) (Fujimoto, S. (187) 469)

Ouabain; Ca^{2+} dependence; Smooth muscle (vascular) contractions; Na^+-Ca^{2+} exchange (Shibata, R. (190) 147)

Endothelin-1; Vasoconstriction; Vascular beds (MacLean, M.R. (190) 263)

CGRP (calcitonin gene-related peptide); Norepinephrine release; Medulla oblongata; Wistar-Kyoto rats (WKY) (Tsuda, K. (191) 101)

Spontaneously hypertensive rats, stroke prone (SHR/SP)
Blood pressure; Parathyroid hormone; Hypercalcemia (Neuser, D. (182) 569)

Spontaneously hypertensive rats (SHR) (conscious)
Cromakalim; Blood flow (regional) (Shoji, T. (186) 119)

Spreading depression
MNQX (5,7-dinitro-quinoxaline-2,3-dione); Glycine antagonist; NMDA (N-methyl-D-aspartate); [^{3}H]GABA release; (Electrophysiology) (Sheardown, M.J. (174) 197)

Squirrel monkeys
μ Opioids; κ Opioids; Tolerance/cross-tolerance; Schedule-controlled behavior (Doty, P. (174) 171)

Stereoisomers
Dopamine receptor agonists; N-0437; Food consumption; Yawning behaviour (Timmerman, W. (174) 107)

Benzamides; Zacopride; 5-HT_3 receptors; Intestine (small); Vagus nerve; (Human) (Pinkus, L.M. (179) 231)

Stereoselectivity
Dopamine D_2 receptor; Computer graphics; Benzamides (Rognan, D. (189) 59)

Stereospecificity
Ozolinone; Loop diuretic; Lithium clearance; Renal haemodynamics; Sodium reabsorption (proximal, distal) (Shalmi, M. (180) 69)

Stereotypic behaviour
Dopamine receptors; Haloperidol; Clozapine; Thioridazine; Chlorpromazine (Carvey, P.M. (184) 43)

Steroid hormones
Estrogen-inducible genes; c-fos gene; CNS (Cattaneo, E. (188) 153)

Steroid regulation
$GABA_A$ receptors; Uterus; Pregnancy (Majewska, M.D. (174) 43)

Steroids
Pregnenolone sulfate; Brain; $GABA_A$ receptor; Cl^- ionophore (Majewska, M.D. (189) 307)

Stomach
Gastric acid; Ulcerations; Prostaglandins; Cytoprotection (Konturek, S.J. (176) 187)

Ca^{2+}; Ca reversal; EGTA; Ouabain; Smooth muscle (Karibe, H. (182) 273)

Stomach (rat)
$GABA_A$ receptors; [^{3}H]Muscimol autoradiography; Gastric mucosa (Erdö, S.L. (175) 351)

Substance P release; Capsaicin (Kwok, Y.N. (180) 201)

Straub tail reaction
Spinal cord excitation; Dopamine D_2 receptors (Hasegawa, Y. (184) 207)

Stress
Dopamine release; Mesocortical dopamine system; Mesolimbic dopamine system; ICS 205-930; Diazepam (Imperato, A. (175) 211)

Opiate receptors; Blood pressure (high); Naloxone enantiomorphs; β-Funaltrexamine; ICI 174,864 (Jiménez, I. (182) 155)

Morphine; GABA (γ-aminobutyric acid); Benzodiazepines (Del Rio-Garcia, J. (187) 495)

[^{14}C]GABA release; [^{14}C]GABA uptake; GABA (γ-aminobutyric acid); 5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindoleacetic acid); Handling; Benzodiazepines (File, S.E. (190) 229)

Stress (emotional)
Heart rate; Bradycardia; Immobility; Anxiolytics; Diazepam; Ipsapirone (TVX Q 7821) (Korte, S.M. (179) 393)

Striatal neurons
Ca^{2+} channels; ω-Conotoxin GVIA; Dihydropyridines; GABA release (Pin, J.-P. (188) 81)

Quisqualate; Kainate; Glutamate; Concanavalin A; GABA release (Charpentier, N. (189) 241)

Striatum
Cocaine; Nucleus accumbens; Dopamine transporters (Boja, J.W. (173) 215)

Microdialysis; Chloral hydrate anaesthesia; Acetylcholine; (Rat) (Bertorelli, R. (175) 79)

[^{3}H]GBR 12935; GBR 12909; Cocaine; Mazindol; Dopamine uptake; Nucleus accumbens (Berger, P. (177) 91)

Acetylcholine release; Atropine; Pirenzepine; 4-DAMP (4-diphenylacetoxy-N-methylpiperidine); AF-DX 116 (De Boer, P. (179) 167)

Paraxanthine; Methylxanthines; Dopamine D-1 receptors; [^{3}H]SCH 23390 (Ferré, S. (179) 295)

Adenosine receptor agonists; Adenosine receptors; Dopamine release; Microdialysis (Zetterström, T. (180) 137)

Dopamine D_1 receptors; Dopamine D_2 receptors; MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Receptor up-regulation (Weihmuller, F.B. (180) 369)

Tyrosine hydroxylase; Aromatic L-amino acid decarboxylase (AAAD); MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); GM1 ganglioside (Hadjiconstantinou, M. (181) 137)

Nucleus accumbens; Dopamine D_1 receptors; Dopamine D_2 receptors; Catalepsy (Ossowska, K. (182) 327)

Dopamine release; SK&F 38393; SCH 23390; Intracerebral dialysis; Development (Walters, D.E. (184) 257)

Dopamine transporters; Cocaine binding sites; Dopamine uptake (Boja, J.W. (184) 329)

Acetylcholine; Dopamine D_1 receptors; Dopamine D_2 receptors (Damsma, G. (186) 335)

5-HT_3 receptors; Dopamine; Ethanol; Nucleus accumbens; Microdialysis (Wozniak, K.M. (187) 287)

GABA (γ-aminobutyric acid); Microdialysis; Dorsolateral striatum; Ventral striatum; Fundus striati; Globus pallidus (Drew, K.L. (187) 385)

Phorbol ester; Protein kinase C; Choline; Phosphatidylcholine; Heart (Sandmann, J. (188) 89)

Dopamine D-2 receptor binding; Apomorphine; Dopamine receptor agonists (Severson, J.A. (188) 283)

Desensitization (homologous); Desensitization (heterologous); Dopamine receptors; Adenylate cyclase; (Neurons) (Chneiweiss, H. (189) 287)

Haloperidol (chronic); Dopamine; DOPAC (3,4-dihydroxyphenylacetic acid); (Endogenous release); (Ex vivo study) (Umeda, Y. (191) 149)

Pilocarpine; Convulsions; Dopamine D_1 receptors (Al-Tajir, G. (191) 329)

Striatum (rat)
Dopamine D_2 receptors; Prolactin-secreting 7315a anterior pituitary tumor (Lew, J.Y. (188) 329)

Structure-activity relationship (SAR)
NMDA receptor; Brain (rat); MK-801; TCP (N-[1-(2-thienyl)cyclohexyl]piperidine); Phencyclidine derivatives (Nadler, V. (188) 97)

Structure model
Imipramine binding; Chemical modification (Fomenko, A.M. (189) 175)

Strychnine-sensitive receptors
Glycine; [^{3}H]Noradrenaline release; Hippocampal slices (rat); Hippocampal synaptosomes (rat); Serine (Raiteri, M. (184) 239)

Submandibular gland
Muscarinic receptor subtypes; Phosphoinositide hydrolysis; Adenylate cyclase (Laniyonu, A. (188) 171)

Submandibular gland (rat)
Substance P; Tachykinin receptors; Brain (rat); Radioligand binding; Autoradiography (Lew, R. (184) 97)

Submucosal gland
Mucus secretion; Neurokinin A; Neurokinin B; Respiratory tract fluid; Substance P; Enkephalinase (Rogers, D.F. (174) 283)

Substance P
Capsaicin; Calcitonin gene-related peptide (CGRP); Ruthenium red (Takaki, M. (174) 57)

Neurokinin A; Neurokinin B; Senktide; 5-HT release; Spinal cord slices (ventral) (Franck, J. (174) 85)

Substance P analogues containing D-histidine; Scratching; Biting; Licking; Spinal cord; (Mouse) (Sakurada, T. (174) 153)

Mucus secretion; Neurokinin A; Neurokinin B; Submucosal gland; Respiratory tract fluid; Enkephalinase (Rogers, D.F. (174) 283)

Capsaicin; Histamine; Methacholine; Vagal stimulation; Airway responsiveness (Biggs, D.F. (175) 29)

Acetylcholine; Smooth muscle cells; Ileum (guinea-pig); Membrane currents (Nakazawa, K. (179) 453)

Jugular vein; Neurokinin receptors; (Selectivity); (Rabbit) (Nantel, F. (179) 457)

Nociception; Spinal cord; Flexor reflex; Morphine; Unmyelinated afferents; (Intrathecal) (Xu, X.-J. (182) 137)

Neurokinin A; Smooth muscle cells; Vas deferens (rat); K^+ currents (Nakazawa, K. (182) 189)

Parkinson's disease; Dopamine receptors; Substantia nigra (rat) (Orosz, D. (182) 509)

Tachykinin receptors; Brain (rat); Submandibular gland (rat); Radioligand binding; Autoradiography (Lew, R. (184) 97)

Excitatory amino acid; Urethane; Ketamine (Daló, N.L. (184) 173)

Piperine; Capsaicin; Calcitonin gene-related peptide (CGRP); Ruthenium red; Ileal motility; (Guinea-pig) (Takaki, M. (186) 71)

Capsaicin; Nociceptors (peripheral); Antinociception; Spinal cord (Dickenson, A. (187) 225)

Oedema; Nitric oxide (NO); Blood flow; Microvascular permeability (Hughes, S.R. (191) 421)

Substance P analogues containing D-histidine
Substance P; Scratching; Biting; Licking; Spinal cord; (Mouse) (Sakurada, T. (174) 153)

Substance P receptors
Anti-idiotypic antibodies; Parotid gland (rat); Protein secretion (Maillet, S. (187) 357)

Guanine nucleotides; G-proteins (Luber-Narod, J. (188) 185)

Substance P release
Stomach (rat); Capsaicin (Kwok, Y.N. (180) 201)

Substantia nigra
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); MPP^+ (1-methyl-4-phenylpyridine); Circling behaviour; Ageing; (Supersensitivity) (Lange, K.W. (175) 57)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); 2′-Methyl-MPTP (1-methyl-4-(2′-methylphenyl)-1,2,3,6-tetrahydropyridine); Dopamine; (Marmoset) (Rose, S. (181) 97)

Electrophysiology; CGP 37849; CGP 39551; AP5; Hippocampus; Spinal cord; NMDA receptor competitive antagonists; (Rat) (Pozza, M.F. (182) 91)

Dopamine; Dopamine autoreceptors; Amphetamine; Apomorphine; Antipsychotics; Haloperidol; (Somatodendritic) (Piercey, M.F. (182) 219)

Pilocarpine; Convulsions; SK&F 38393; SCH 23390 (Al-Tajir, G. (182) 245)

Kindling; Anti-epileptic drugs; GABA (γ-aminobutyric acid) (Wahnschaffe, U. (186) 157)

Tyrosine hydroxylase; Dopamine D-1 receptors; Caudate nucleus; Nucleus accumbens; Hybridization (in situ) (Schalling, M. (188) 277)

Substantia nigra (pars compacta)
GABA autoreceptors; Substantia nigra (pars reticulata); $GABA_B$ receptor subtypes (Giralt, M.T. (175) 137)

Substantia nigra (pars reticulata)
GABA autoreceptors; Substantia nigra (pars compacta); $GABA_B$ receptor subtypes (Giralt, M.T. (175) 137)

Substantia nigra (rat)
Substance P; Parkinson's disease; Dopamine receptors (Orosz, D. (182) 509)

γ2-Subunit
$GABA_A$ receptor; Antipeptide antibodies (Benke, D. (189) 337)

Sucrose
Dopamine; Dopamine D_2 receptors; Reward; Orosensory stimuli; Lick patterns; (Sweet taste); (Water) (Schneider, L.H. (186) 61)

Sucrose gradients
[^{3}H]Etorphine; [^{3}H]Diprenorphine; Cerebellum membranes (rabbit and guinea-pig); 5′-Guanylylimidodiphosphate (Gp-pNHp) (Frances, B. (189) 1)

Sucrose gradients (sedimentation in)
Brain membranes (frog); Digitonin extracts (soluble); [^{3}H]Di-pHrenorphine binding (Roussin-Pascaud, A. (189) 393)

Sudomotor mechanisms
Tonic electrodermal activity; Prazosin; Yohimbine; Monoamine depletion; Spinal cord; α-Adrenoceptors (CNS) (Koss, M.C. (182) 381)

Sufentanil
[D-Ala^2,D-Leu^5]enkephalin; Tolerance; Respiratory depression; (Rat) (Ayesta, F.J. (175) 1)

Sulfhydryl
Captopril; Oxyphenbutazone ulcer; Indomethacin; Ethanol ulcer (Bhounsule, S.A. (177) 87)

Sulpiride
Grooming behaviour; Neuropeptides; SCH 23390; SK&F 38393; Quinpirole (Van Wimersma Greidanus, T.B. (173) 227)

Corpus striatum; Dopamine receptors; SCH 23390; Rotation; (Rat) (Konitsiotis, S. (179) 201)

(−)-Sulpiride
Nucleus accumbens; Forced swimming test; Desipramine; Fluphenazine; (Rat) (Cervo, L. (178) 129)

Turning; Ventral striatum; SCH 23390; YM-09151-2; cis(Z)-Flupentixol (Koshikawa, N. (178) 233)

Flunarizine; Cocaine; Microdialysis; [^{3}H]Spiperone binding; Motor activity (Pani, L. (190) 223)

Superior cervical ganglion (rat)
Clozapine; 5-HT_3 receptor sites; [^{3}H]Q ICS 205-930; Neuroleptics; Brain (rat) (Watling, K.J. (182) 465)

Superoxide production
PAF (platelet-activating factor, PAF-acether); Ca^{2+} channel blockers; PAF receptors; Degranulation; Neutrophil granulocytes (human) (Filep, J.G. (190) 67)

Supraventricular arrhythmias
K^+ channel activators; Cardiac refractoriness; Proarrhythmia (Spinelli, W. (179) 243)

Suramin
Smooth muscle; Taenia caeci; Inhibitory junction potential; ATP (Den Hertog, A. (173) 207)

P_{2X} purine receptors; ATP; Noradrenaline; Neuropeptide Y (NPY); Pithed rat (Urbanek, E. (175) 207)

Surface field potential (N-wave)
Oxotremorine-M; Olfactory cortex slice; Muscarinic receptors; (Guinea-pig) (Bagetta, G. (178) 91)

Suriclone
Benzodiazepine receptors (central type); [^{11}C]Ro 15-1788; Positron emission tomography (PET); (Baboon) (Brouillet, E. (175) 49)

Survival
RGH-2202; TRH (thyrotropin-releasing hormone); Haemorrhagic shock; Arterial pressure (mean) (Coppi, G. (182) 185)

Sympathetic denervation
Trophic effects; Purines; Adenosine; Noradrenaline; NECA (N-ethylcarboxamidoadenosine) (Albino-Teixeira, A. (179) 141)

Sympathetic ganglia
Norepinephrine; α_2-Adrenoceptors; Ca^{2+} currents; Voltage-clamp (whole-cell) (Schofield, G.G. (180) 37)

Ganglionic transmission; α-Adrenoceptors (Mercuro, G. (185) 61)

Muscarinic receptors; (Guinea-pig) (Roberts, K.E. (186) 257)

Sympathetic nerves
Choroid plexus; Presynaptic regulation; VIP (vasoactive intestinal polypeptide); PHI (peptide histidine isoleucine); Neuropeptide Y (NPY) (Nilsson, C. (181) 247)

ω-Conotoxin; Tachycardia; Vasoconstriction (Pruneau, D. (184) 127)

Sympathetic nerve stimulation
α-Adrenoceptor blockade; β-Adrenoceptor blockade; Eye; Neuropeptide Y (NPY); Vasoconstriction (Granstam, E. (175) 175)

α-Adrenoceptors; β-Adrenoceptors; cAMP; Tail artery (rat) (Rajanayagam, M.A.S. (177) 35)

Calcitonin gene-related peptide (CGRP); Noradrenaline; α,β-Methylene ATP; Ear artery (rabbit, central) (Maynard, K.I. (187) 171)

Sympathetic nervous system
5-HT receptor agonists; DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Blood pressure; Renin activity (plasma); Blood flow (renal) (Alper, R.H. (175) 323)

Noradrenaline; Neuropeptide Y (NPY); Spinal cord; Nociception (Donnerer, J. (181) 147)

Sympathetic neurotransmission
Spontaneously hypertensive rat (SHR); Pithed rat; Tail artery; Purines; α-Adrenoceptor antagonists (Dalziel, H.H. (173) 19)

Mesenteric artery; cGMP; cAMP; (Dog) (Greenberg, S.S. (187) 409)

Sympathetic outflow (central)
8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Blood pressure; Heart rate; 5-HT_{1A} receptors; Cardiac vagal tone; (Anaesthetised rabbit) (Shepheard, S.L. (186) 267)

Sympathoadrenal system
DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); 5-HT_{1C} receptors; 5-HT_2 receptors; Glycemia; Insulin release (Chaouloff, F. (187) 435)

Sympathoinhibition center
Actylcholine; Pulmonary vascular response; Medulla oblongata (median area); 5-HT (5-hydroxytryptamine, serotonin); Endorphine (Ni, H. (181) 167)

Sympathomimetic amines
Adrenoceptors; Fluorinated catecholamines; Catecholamines; Epinephrine; Fluoroepinephrines (Bass, A.S. (187) 87)

Synaptosomes
B-50 (GAP-43); Protein kinase C; Transmitter release; Noradrenaline (Dekker, L.V. (188) 113)

MDMA (3,4-methylenedioxymethamphetamine); 5-Hydroxytryptamine (5-HT, serotonin); (Rat) (Hekmatpanah, C.R. (177) 95)

PmP (1-(2-pyrimidinyl)piperazine); α_2-Adrenoceptors; [^{3}H] Noradrenaline release; [^{3}H]5-HT release (Gobbi, M. (180) 183)

Dihydropyridines; ω-Conotoxin; Ca^{2+} channels (voltage-dependent); Spinal cord; 5-HT release (Gandhi, V.C. (187) 271)

Synaptosomes (superfused)
Aspartic acid release; Muscarinic M_2 receptors; Hippocampus (rat); AF-DX 116 (Raiteri, M. (177) 181)

NMDA (N-methyl-D-aspartate); Noradrenaline release; Hippocampus (rat); Glycine (Pittaluga, A. (191) 231)

Synergism
ATP; α,β-Methylene ATP; Purines; Mesenteric bed (rat) (Ralevic, V. (175) 291)

Tachycardia
ω-Conotoxin; Sympathetic nerves; Vasoconstriction (Pruneau, D. (184) 127)

Tachykinin receptor antagonists
Tachykinins (Rovero, P. (175) 113)

Tachykinin receptors
Tachykinins; (Selective receptor agonist) (Maggi, C.A. (177) 81)

Substance P; Brain (rat); Submandibular gland (rat); Radioligand binding; Autoradiography (Lew, R. (184) 97)

Tachykinins
Tachykinin receptor antagonists (Rovero, P. (175) 113)

Peptidase inhibitors; Bombesin-like peptides; (Receptor classification) (Hall, J.M. (176) 127)

Tachykinin receptors; (Selective receptor agonist) (Maggi, C.A. (177) 81)

Tachyphylaxis
Neuropeptide Y (NPY); Hypertension; Hypotension; NPY receptors (Grundemar, L. (179) 83)

Aorta; Endothelin-1; Smooth muscle cells; (Desensitization); (Rabbit) (Miasiro, N. (179) 151)

Tacrine
Acetylcholine; Choline esterase inhibition; (Heart) (Lindmar, R. (190) 251)

Taenia caeci
Smooth muscle; Inhibitory junction potential; ATP; Suramin (Den Hertog, A. (173) 207)

Smooth muscle; Membrane conductance; Glibenclamide; Cromakalim (Den Hertog, A. (174) 287)

Trimebutine; [^{3}H]Nitrendipine binding; Smooth muscle (ileal); (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

Taenia caeci (rabbit and guinea-pig)
Phenylephrine; (Outward currents) (Rusko, J. (184) 325)

Tail artery
Spontaneously hypertensive rat (SHR); Sympathetic neurotransmission; Pithed rat; Purines; α-Adrenoceptor antagonists (Dalziel, H.H. (173) 19)

Smooth muscle (vascular); Fura 2-Ca^{2+} signal; Norepinephrine; 5-HT (5-hydroxytryptamine, serotonin); Ca^{2+}; (Rat) (Thorin-Trescases, N. (179) 469)

Tail artery (rat)
Adenosine; Adenosine A_1-receptors; Spontaneously hypertensive rat (SHR); (Neurotransmission) (Illes, P. (174) 237)

α-Adrenoceptors; β-Adrenoceptors; cAMP; Sympathetic nerve stimulation (Rajanayagam, M.A.S. (177) 35)

Tail-flick assay
Antinociception; U-50,488H; 5-HT_3 receptors; (Mouse) (Ho, B.Y. (178) 371)

Tail-flick response
[Met^5]enkephalin antibody; β-Endorphin; Morphine; Analgesia; Antinociception; Hot-plate response (Tseng, L.L.F. (173) 171)

Tail-flicks (spontaneous)
5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; ICI 169,369; Ritanserin; TFMPP (1-[3-(trifluoromethyl)phenyl] piperazine); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Bervoets, K. (191) 185)

Tail-flick test
Analgesia; Hot-plate test; Writhing test; Naloxone blockade (Domer, F. (177) 127)

Analgesia; Medetomidine; Atipamezole; Cocaine; Formalin test; Mechanical pain; (Rat) (Pertovaara, A. (179) 323)

Tail suspension test
Castration; Gonadotropin-releasing hormone (GnRH); [^{3}H] Imipramine binding sites; Depression; (Mouse) (Bernardi, M. (187) 501)

Talipexole (B-HT 920)
Prolactin; Anterior pituitary (rat); SND 919; Dopamine D_2 receptor agonists; Estrogens (Domae, M. (179) 75)

Tardive dyskinesia
Neuroleptics (chronic); Haloperidol; Clozapine; Raclopride; (Rodent models) (See, R.E. (181) 175)

Oral dyskinesia; Haloperidol (intermittent); Zuclopenthixol (intermittent); Sensitization (pharmacological); Drug holidays (rat); (Animal models) (Glenthøj, B. (190) 275)

Taurine
Fatty lesions; Atherosclerosis; Cholesterol; Antioxidants (Petty, M.A. (180) 119)

Taurocholate
Vasopressin; Bile salts; Glycocholate; V_1 receptors (Kuhn, W.F. (175) 117)

TBOB (t-butylbicycloorthobenzoate)
Cage convulsant; GABA (γ-aminobutyric acid); $GABA_A$-receptor complex; Picrotoxin (Van Rijn, C.M. (179) 419)

T-cell receptors
Signal transduction; Inositol phosphates; Fluoride; ADP ribosylation; GTPase (Kvanta, A. (189) 363)

TCP (N-[1-(2-thienyl)cyclohexyl]piperidine)
Phencyclidine analogs; BTCP (N-[1-(2-benzo(b)thiophenyl)cyclohexyl]piperidine); Nigrostriatal dopamine neurons; Electrophysiology; Microiontophoresis; (Rat) (Rouillard, C. (182) 227)

NMDA receptor; Brain (rat); Structure-activity relationship (SAR); MK-801; Phencyclidine derivatives (Nadler, V. (188) 97)

Telenzepine enantiomers
Muscarinic M_1 receptors; Kinetics of blockade; Vas deferens; (Rabbit) (Eltze, M. (180) 161)

Temperature sensitivity
Angiotensin II; 5-HT (5-hydroxytryptamine, serotonin); Saralasin; Depolarisation; Nodose ganglion; (Rat) (Widdop, R.E. (185) 107)

Testosterone
Anticonvulsants; Epilepsy; Cytochrome P450; Leydig cells (Kühn-Velten, W.N. (181) 151)

Tetraethylammonium
Azelastine; Smooth muscle (airway); Trachea (guinea-pig); Acetylcholine; Ca^{2+} channel antagonists (Lee, H.-K. (187) 67)

Tetrahydroaminoacridine
Physostigmine; Nicotinic receptors; Muscarinic M_1 receptors; Muscarinic M_2 receptors; (Subchronic treatment); (Rat) (Nilsson-Håkansson, L. (186) 301)

Δ^9-Tetrahydrocannabinol
Marijuana; Dopamine; Cortex (medial prefrontal); Microdialysis; Drugs of abuse (Chen, J. (190) 259)

Tetrodotoxin
Na^+ channels; Saxitoxin; Smooth muscle (venous) (Mironneau, J. (184) 315)

Na^+ channels; Anthopleurin-A; Lidocaine; (Supersensitivity) (Muramatsu, I. (186) 41)

TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine)
5-HT (5-hydroxytryptamine, serotonin); RU 24969 (5-methoxy-3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-indole) (Auerbach, S.B. (190) 51)

5-HT (5-hydroxytryptamine, serotonin); 5-HT receptors; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin; ICI 169, 369; Ritanserin; Tail-flicks (spontaneous); DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); (Rat) (Bervoets, K. (191) 185)

THA (9-amino-1,2,3,4-tetrahydroacridine)
Acetylcholinesterase inhibition; Brain acetylcholine; Cognition assays (Nielsen, J.A. (173) 53)

Thalamic neurons
Ketoprofen; Analgesia; Central nervous system (CNS); Arthritic rats; (Intraventricular injection) (Braga, P.C. (184) 273)

Theophylline
Behaviour; Brain; Drug distribution; Extracellular space; Microdialysis; Pharmacokinetics; (Rat) (Ståhle, L. (185) 187)

Thienyl-phencyclidine
CPP (3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); Postsynaptic densities; Glutamate effect (Foucaud, B. (189) 355)

Thimerosal
Arachidonic acid; Lysolecithin; Coronary artery; Endothelium-dependent relaxation; (Electrophysiology) (Bény, J.-L. (185) 235)

Thioperamide
Vagal stimulation; (R)-α-Methylhistamine; Neuropeptides (Ichinose, M. (174) 49)

Histamine H_3 receptors; (R)-α-Methylhistamine; Histamine; Monoamines; 5-HT (5-hydroxytryptamine, serotonin) (Oishi, R. (184) 135)

Thioridazine
Stereotypic behavior; Dopamine receptors; Haloperidol; Clozapine; Chlorpromazine (Carvey, P.M. (184) 43)

Thiorphan
^{125}I-ANF-(99-128); Acetorphan; Kelatorphan; Peptidase inhibitors; Captopril (Gros, C. (179) 45)

Acetorphan; Spontaneously hypertensive rats (SHR); Volume loading; ANF (atrial natriuretic factor) (Bralet, J. (179) 57)

Thrombin
Verapamil; Phosphatidic acid; Polyphosphoinositides; PAF (platelet-activating factor, PAF-acether) (Homa, S.T. (182) 457)

Thromboxane
Basilar artery (dog); Neurogenically mediated contraction; GR32191; BM 13.177 (Connor, H.E. (174) 205)

Thromboxane A_2
Amino-nitrogen (plasma); Myocardial depressant factor; Thromboxane B_2 (plasma); Cathepsin D activity (Karasawa, A. (182) 1)

Thromboxane synthetase inhibitor; Airway hyperresponsiveness; FMLP (formyl-methionyl-leucyl-phenylalanine); PAF (platelet-activating factor, PAF-acether); Antigen (Komatsu, H. (184) 87)

PAF (platelet-activating factor, PAF-acether); Prostaglandin I_2; Dental pulp; Signal transduction; (Rat); (Receptors) (Hirafuji, M. (185) 81)

Non-steroidal anti-inflammatory drugs (NSAID); Ca^{2+} uptake; Platelets (Gill, J. (187) 135)

Thromboxane A_2 antagonism
Trimetoquinol; β_2/β_1-Adrenoceptor selectivity ratio; 1-Benzyl substituted analogues (Shams, G. (184) 21)

Thromboxane A_2 receptors
ONO NT-126; Phosphoinositide hydrolysis; Astrocytoma cells (Nakahata, N. (184) 233)

Thromboxane A_2 synthetase inhibition
Ridogrel; Prostaglandin endoperoxide receptor antagonism; Platelet function (De Chaffoy de Courcelles, D. (188) 161)

Thromboxane B_2
Leukotriene B_4; Prostaglandin E_2; Indobufen; Platelet cyclooxygenase (Patrignani, P. (191) 83)

Thromboxane B_2 (plasma)
Thromboxane A_2; Amino-nitrogen (plasma); Myocardial depressant factor; Cathepsin D activity (Karasawa, A. (182) 1)

Thromboxane receptor antagonists
Prostaglandin $F_{2\alpha}$-induced contractions; Smooth muscle (vascular); Coronary artery (Nakajima, M. (191) 359)

Thromboxane receptor blockade
Vasoconstrictor responses; Vasodilator responses; Adrenergic transmission; Mesenteric vascular bed (Minkes, R.K. (179) 119)

Thromboxane synthetase inhibitor
Airway hyperresponsiveness; Thromboxane A_2; FMLP (formyl-methionyl-leucyl-phenylalanine); PAF (platelet-activating factor, PAF-acether); Antigen (Komatsu, H. (184) 87)

Thymocytes
EL-4 cell line; Cation entry; Membrane permeabilization; ATP^{4-}; (Mouse) (El-Moatassim, C. (181) 111)

Thyrotropin
Prolactin; 5-Hydroxytryptamine (5-HT, serotonin); 5-HT receptors; (Rat) (Toivonen, M. (180) 91)

Thyrotropin release in vitro
$GABA_A$ receptors; Thyrotropin-releasing hormone (TRH); Ca^{2+} channels; ω-Conotoxin; G-proteins (guanine nucleotide-binding proteins) (Roussel, J.-P. (190) 135)

Thyrotropin-releasing hormone (TRH)
SCH 23390; Dopamine D-1 receptors (Popoli, P. (173) 211)

$GABA_A$ receptors; Thyrotropin release in vitro; Ca^{2+} channels; ω-Conotoxin; G-proteins (guanine nucleotide-binding proteins) (Roussel, J.-P. (190) 135)

Tiamdipine
Ca^{2+}; 1,4-Dihydropyridines; Smooth muscle; [^{3}H]PN 200-110; Ca^{2+} channel activators (Galletti, F. (185) 157)

Tifluadom
Analgesia; CCK (cholecystokinin) (Gericke, M. (180) 187)

Tiflucarbine
Calmodulin (binding to); Cyclic nucleotide phosphodiesterase (Schmidt, B.H. (189) 411)

Timolol
Propranolol; Ethanol lesions; Indomethacin; Prostaglandin release; Membrane stabilising action (Bhandare, P. (191) 167)

TMB-8
Adenosine; Neuromuscular junction; Neurotransmitter release (Hunt, J.M. (178) 259)

Tolerance
Morphine; Analgesia; Hyperthermia; MR 2266; MR 2267; κ Opiate receptor antagonists; (Stereospecificity) (Bhargava, H.N. (173) 159)

μ Opioid receptors; Vas deferens (mouse); (pA_2) (Takemori, A.E. (174) 267)

[D-Ala^2,D-Leu^5]enkephalin; Sufentanil; Respiratory depression; (Rat) (Ayesta, F.J. (175) 1)

Azaprophen; Scopolamine; Trihexyphenidyl; Physostigmine; Acetylcholine receptors (Genovese, R.F. (176) 271)

GABA (γ-aminobutyric acid); Cl^- flux; Benzodiazepine; β-Carboline; DMCM (methyl-6,7-dimethoxy-4-ethyl-β-carboline-3-carboxylate) (Ngur, D.O. (176) 351)

Diazepam; Ro15-1788; WAG/Rij inbred strain; Epilepsy (non-convulsive) (Peeters, B.W.M.M. (178) 111)

CCK-8 receptors; Benzodiazepine receptors; Diazepam (chronic); Withdrawal (Harro, J. (180) 77)

Benzodiazepines; Dependence; Flumazenil (Löscher, W. (180) 255)

Absence model (in rats); Ethosuximide; Valproate (Wahle, H. (181) 1)

DOI (1-(2,5-dimethoxy-4-iodophenyl)-2-aminopropane); Head-twitch; (Acute); (Chronic) (Darmani, N.A. (186) 115)

Antinociception; Morphine; δ-Opioid receptor agonists (Jiang, Q. (186) 137)

Tolerance/cross-tolerance
μ Opioids; κ Opioids; Schedule-controlled behavior; Squirrel monkeys (Doty, P. (174) 171)

Tolerance-dependence
Morphine; Abstinence; $5\text{-}HT_{1A}$ receptors; Brain regions; Spinal cord; Hypothermia; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin (Gulati, A. (182) 253)

Morphine; Abstinence; DAMGO ([D-Ala^2,MePhe^4,Gly^5-ol] enkephalin); B_{max} (maximal binding capacity); K_d (apparent dissociation constant); Brain regions; Spinal cord (Bhargava, H.N. (190) 305)

Toluene diisocyanate
Capsaicin; Sensory nerves (efferent function of) (Mapp, C.E. (180) 113)

Tonic electrodermal activity
Prazosin; Yohimbine; Monoamine depletion; Spinal cord; α-Adrenoceptors (CNS); Sudomotor mechanisms (Koss, M.C. (182) 381)

Toxicity
Ca^{2+}; Chelators; Fluoroacetic acid; Fluorocitric acid; EDTA; EGTA; Seizures (Hornfeldt, C.S. (179) 307)

Trachea
Ascorbic acid; Sodium iodide; Autoradiography; Lung; (Binding) (Self, G.J. (176) 169)

Endothelin; PAF (platelet-activating factor, PAF-acether); BN 52021; Bronchi (upper); (Guinea-pig) (Battistini, B. (186) 307)

Epithelium; EpDRF (epithelium-derived relaxing factor); Smooth muscle (airway); (Reactivity) (Fedan, J.S. (190) 337)

Trachea (guinea-pig)
Dantrolene sodium; Ca^{2+} channel blockers; Caffeine; (Skinned trachea) (Sanz, C.M. (176) 177)

α_2-Adrenoceptors; Prostaglandins (Takayanagi, I. (182) 577)

β-Adrenoceptor agonists; Trimetoquinol; N-Benzyl-substituted analogues; β_2/β_1-Selectivity ratio; Atria (guinea-pig) (Shams, G. (184) 251)

PAF (platelet-activating factor, PAF-acether); Epithelium; Prostaglandins; (Relaxation) (Conroy, D.M. (186) 315)

Azelastine; Smooth muscle (airway); Acetylcholine; Ca^{2+} channel antagonists; Tetraethylammonium (Lee, H.-K. (187) 67)

Endothelin-1; Ca^{2+} channel antagonists; Ca^{2+} channel agonists (Sarriá, B. (187) 445)

Trachealis (canine)
Epithelium-derived relaxing factor (EpDRF); Airway mucosa; Acetylcholine; Histamine (Manning, P.J. (178) 85)

Trachealis (human)
Smooth muscle (airway); Azelastine; Desmethylazelastine; Bronchomotor tone; (Electromechanical responses) (Richards, I.S. (186) 331)

Tranquilizer (major)
Manassantin A; Neuroleptics; Haloperidol; *Saururus cernuus* (Rao, K.V. (179) 367)

Transforming growth factor-α
Growth factors (smooth muscle); Growth factors (structure-activity); Epidermal growth factor (Yang, S.-G. (188) 289)

Translocation
Protein kinase C; Phorbol ester; [^{3}H]Phorbol 12,13-dibutyrate binding; Protein kinase C; cAMP; Adenosine (Nordstedt, C. (188) 349)

Transmitter release
B-50 (GAP-43); Protein kinase C; Synaptosomes; Noradrenaline (Dekker, L.V. (188) 113)

Trazodone
m-CPP (m-chlorophenylpiperazine); Antidepressants (atypical); DRL 72-s schedule; 5-Hydroxytryptamine (5-HT, serotonin) (Li, A.A. (177) 137)

Tremors
Carbaryl; Dopamine; 5-HT (5-hydroxytryptamine, serotonin) (Kumar Ray, S. (181) 159)

TRH analogs
TRH (thyrotropin-releasing hormone); Norvaline^2-TRH; (Receptor binding) (Vonhof, S. (180) 1)

TRH (thyrotropin-releasing hormone)
TRH analogs; Norvaline^2-TRH; (Receptor binding) (Vonhof, S. (180) 1)

YM-14673; Dopamine systems; Behaviour (Yamamoto, M. (180) 319)

YM-14673; Ischemic anoxia; Neurological deficits; Brain edema; Neuronal degeneration; (Rat) (Yamamoto, M. (181) 207)

RGH-2202; Haemorrhagic shock; Arterial pressure (mean); Survival (Coppi, G. (182) 185)

Trihexyphenidyl
Azaprophen; Scopolamine; Physostigmine; Acetylcholine receptors; Tolerance (Genovese, R.F. (176) 271)

Trimebutine
[^{3}H]Nitrendipine binding; Smooth muscle (ileal); Taenia cecum; (Guinea-pig); (Contraction) (Nagasaki, M. (189) 71)

Trimetazidine
Vestibular dysfunctions; Semicircular canal; Phenazine methosulfate; Free radicals (Aubert, A. (174) 215)

Trimetoquinol
β_2/β_1-Adrenoceptor selectivity ratio; Thromboxane A_2 antagonism; 1-Benzyl substituted analogues (Shams, G. (184) 21)

β-Adrenoceptor agonists; N-Benzyl-substituted analogues; β_2/β_1-Selectivity ratio; Atria (guinea-pig); Trachea (guinea-pig) (Shams, G. (184) 251)

Trophic effects
Sympathetic denervation; Purines; Adenosine; Noradrenaline; NECA (N-ethylcarboxamidoadenosine) (Albino-Teixeira, A. (179) 141)

Tryptamine
Insulin release; 5-HT receptors; (Mouse) (Yamada, J. (181) 319)

Tryptophan
Wet-dog shakes; 5-Hydroxytryptophan (5-HTP); 5-HT_2 receptors; (Receptor regulation) (Koshikawa, N. (178) 365)

L-Tryptophan
MDMA (3,4-methylenedioxymethamphetamine); Dorsal raphe nucleus; Single unit recording; Microdialysis (Sprouse, J.S. (178) 313)

Tryptophan hydroxylase
Basal ganglia; Dopamine; Dynorphin A; 4-Methylaminorex; Neurotensin; 5-HT (5-hydroxytryptamine, serotonin); (Drug abuse) (Bunker, C.F. (180) 103)

MDMA (3,4-methylenedioxymethamphetamine); 5-HT uptake inhibitors (Schmidt, C.J. (181) 133)

d-Tubocurarine
Nicotinic acetylcholine receptors (muscle); Erabutoxin b; Fade; Neuromuscular transmission; End-plate potentials (Bradley, R.J. (176) 11)

Tumor promoters
Arachidonic acid metabolism; Prostaglandin E_2 (PGE_2); Epidermal cells; Peritoneal macrophages (Aizu, E. (182) 19)

Turning
Ventral striatum; SCH 23390; (−)-Sulpiride; YM-09151-2; cis(Z)-Flupentixol (Koshikawa, N. (178) 233)

Turning behaviour
Amylase secretion; Cholecystokinin (CCK) analogues; Dopamine; (Binding) (Mendre, C. (186) 213)

Tyrosine hydroxylase
Aromatic L-amino acid decarboxylase (AAAD); MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Striatum; GM1 ganglioside (Hadjiconstantinou, M. (181) 137)

Adenosine; Adenosine A_2 receptors; Dopamine; Dopamine D_2 autoreceptors; N-n-Propylnorapomorphine (NPA) (Booth, R.G. (185) 217)

Dopamine D-1 receptors; Caudate nucleus; Nucleus accumbens; Substantia nigra; Hybridization (in situ) (Schalling, M. (188) 277)

Tyrosine hydroxylase (inhibition)
Dopamine autoreceptors; G-proteins (Harada, K. (188) 123)

U-50,488H
Antinociception; 5-HT_3 receptors; Tail-flick assay; (Mouse) (Ho, B.Y. (178) 371)

WIN 44,441-3; κ Opioid receptors; Dorsal horn cells; Noxious stimulation; Analgesia (Hernández, A. (186) 323)

Cough reflex; κ Opioid receptors; U-62,066E; Antitussives; 5-HT_1 receptors (Kamei, J. (187) 281)

Analgesia; Formalin test; Pain; Naloxone; WIN 44,441-3; κ Opioid receptors; Spinal cord (Pelissier, T. (190) 287)

Opioids; Formalin; Antinociception (Haley, J. (191) 437)

U-62,066E
Cough reflex; κ Opioid receptors; U-50,488H; Antitussives; 5-HT_1 receptors (Kamei, J. (187) 281)

U-69,593
Opioid ontogeny; κ Opioid receptor binding (Kitchen, I. (175) 93)

[^{3}H]U-69,593
Cerebellum (guinea-pig); κ-Opioid receptors (multiple); [^{3}H]Bremazocine; (Binding studies) (Tiberi, M. (188) 379)

UK 14,304
α_2-Adrenoceptors; Ca^{2+} channel blockers; Kidney; Proximal tubule; Clonidine; Diuresis; (Radioligand binding); (Rat) (Stanko, C.K. (175) 13)

Ulcer
Interleukin-1; Gastric damage; Duodenal ulceration; Prostaglandins; Cytoprotection (Wallace, J.L. (186) 279)

Ulcerations
Stomach; Gastric acid; Prostaglandins; Cytoprotection (Konturek, S.J. (176) 187)

Ulcer (experimental)
Shay-model; Morphine; Naloxone; [D-Met^2,Pro^5]enkephalinamide (Till, M. (175) 355)

Ultrasonic calls
ACPC (1-aminocyclopropanecarboxylic acid); Glycine; Anxiolytics; NMDA receptors; Distress vocalizations (Winslow, J.T. (190) 11)

Ultrasonic vocalization
Prenatal diazepam; Locomotion; Sexual behaviour; (Rat) (Cagiano, R. (177) 67)

Umbilical vein (ovine)
5-HT receptors; Dissociation constant (Zhang, L. (184) 281)

Unit activity
Vinpocetine; Cognitive-enhancing effects; Locus coeruleus; Noradrenaline (Gaál, L. (187) 537)

Unmyelinated afferents
Nociception; Spinal cord; Flexor reflex; Substance P; Morphine; (Intrathecal) (Xu, X.-J. (182) 137)

Up-regulation
Paradoxical analgesia; Naloxone; Morphine; Dependence (Suzuki, T. (178) 239)

Muscarinic receptors; Primary cultured neurons; Second messenger systems; Cyclic GMP; Phosphoinositide turnover (Ohkuma, S. (189) 277)

Uptake inhibition
p-Chloroamphetamine; 1-(4-Chlorophenyl)-2-aminobutane (CAB); Drug discrimination; Microdialysis in vivo; 5-HT neurotoxicity (Johnson, M.P. (191) 1)

Uptake inhibitors
5-Hydroxytryptamine (5-HT, serotonin); Noradrenaline; Dopamine; Aversion; Periaqueductal gray (Jenck, F. (177) 201)

Uptake sites
Norepinephrine; [^{3}H]Nisoxetine (Tejani-Butt, S.M. (191) 239)

Urate-anion exchangers
Uricosuric agents; Brush border membranes; Kidney (rat) (Dan, T. (187) 303)

Urethane
Substance P; Excitatory amino acid; Ketamine (Daló, N.L. (184) 173)

Uricosuric agents
Urate-anion exchangers; Brush border membranes; Kidney (rat) (Dan, T. (187) 303)

Urinary bladder
Vasopressin; Denervation; (Rat) (Uvelius, B. (182) 549)

Non-cholinergic transmission; Purinoceptor desensitization; α,β-Methylene ATP (Luheshi, G. (185) 203)

Urinary bladder (human)
Neurokinins; Bronchus (human); NK-2 receptors; (Antagonists) (Dion, S. (178) 215)

Use dependence
Bradycardiac agents; Pacemaker currents; Voltage dependence; Frequency dependence; (Electrophysiology) (Van Bogaert, P.P. (187) 241)

Use-dependent block
Conduction velocity; Bunazosin; α_1-Adrenoceptor antagonists; Antiarrhythmic effect (Hasegawa, J. (191) 369)

Uterine artery
Adrenoceptors; Pregnancy (ovine) (Isla, M. (178) 321)

Uterine relaxation
Benzodiazepines (peripheral effects); Ro 5-4864; PK 11195 (Kazanietz, M.G. (185) 231)

Uterine-smooth muscle
β_2-Adrenoceptors; Forskolin; Isoprenaline; Ovarian steroids; Pregnancy (Hall, S. (184) 33)

Uterus
$GABA_A$ receptors; Pregnancy; Steroid regulation (Majewska, M.D. (174) 43)

Oxytocin receptors; Vasopressin receptors; Phosphatidylinositol turnover; Mammary gland; L-365,209 (Pettibone, D.J. (188) 235)

Uterus (human)
Oxytocin receptors; Vasopressin receptors; Vasopressin analogues (radiolabelled); Oxytocin analogues (radiolabelled); Pregnancy (Tence, M. (191) 427)

Uterus (rat)
Protein kinase; Cytoskeleton; Smooth muscle (Karibe, H. (188) 407)

Vacillatory behaviour
$5\text{-}HT_{1A}$ receptor agonists; SK&F 38393; Spontaneous alternation; Chlomipramine (Whitaker-Azmitia, P.M. (180) 305)

Vagal afferents
Baroreceptor heart rate reflex; Bezold-Jarisch reflex; Ketanserin; Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY) (Widdop, R.E. (186) 17)

Vagal mechanism
Neurokinins; Bradykinin; Neurokinin receptors; Spinal action; Vascular permeability; (Selective agonists) (Jacques, L. (184) 9)

Vagal stimulation
(R)-α-Methylhistamine; Thioperamide; Neuropeptides (Ichinose, M. (174) 49)

Capsaicin; Histamine; Substance P; Methacholine; Airway responsiveness (Biggs, D.F. (175) 29)

Gastric secretion; GABA mimetic; (Central mechanism) (Hara, N. (179) 17)

Bronchoconstriction; Capsaicin; Hexamethonium; Propranolol; Neuropeptides (sensory) (Del Monte, M. (180) 239)

Vagotomy
Sauvagine; CRF (corticotropin-releasing factor); Hypophysectomy; Adrenalectomy; Corticosterone; Gastric emptying (Broccardo, M. (182) 357)

Vagus
GABA (γ-aminobutyric acid); Vasopressin; Picrotoxin; Blood pressure; Heart rate (Wible, Jr., J.H. (181) 215)

Capsaicin; Histamine H_1 receptor agonists; Histamine H_2 receptor agonists; Gastric acid secretion (Yoneda, M. (186) 349)

Vagus nerve
Benzamides; Zacopride; $5\text{-}HT_3$ receptors; Stereoisomers; Intestine (small); (Human) (Pinkus, L.M. (179) 231)

Heart (dog); Ventricle (left); Atrium (right); Sinoatrial (SA) node; Vasoactive intestinal peptide (VIP) (Karasawa, Y. (187) 9)

Valproate
Absence model (in rats); Ethosuximide; Tolerance (Wahle, H. (181) 1)

Anti-epileptic drugs; K^+ conductance; Voltage clamp; Node of Ranvier; (Voltage-dependent inhibition) (Van Erp, M.G. (184) 151)

Vascular beds
Endothelin-1; Spontaneously hypertensive rats (SHR); Vasoconstriction (MacLean, M.R. (190) 263)

Vascular contraction (tonic)
Prostaglandin $F_{2\alpha}$; Intracellular free Ca^{2+} concentration; Protein kinase C (Morimoto, S. (188) 369)

Vascular endothelium
Angiotensin II; Basilar artery; Mesenteric artery (Yen, M.-H. (180) 209)

Muscarinic receptor subtypes; Muscarinic M_3-selective receptor antagonists; p-Fluoro-hexahydro-sila-difenidol; Ear artery (rabbit); Coronary artery (bovine); Smooth muscle (vascular) (Duckles, S.P. (185) 227)

Vascular hyporesponsiveness
Endotoxin; Ca^{2+} (Bigaud, M. (190) 185)

Vascular injury
Endotoxin; Nitric oxide (NO); Nitrovasodilators; N^G-Monomethyl-L-arginine (L-NMMA) (Boughton-Smith, N.K. (191) 485)

Vascular permeability
Neurokinins; Bradykinin; Neurokinin receptors; Spinal action; Vagal mechanism; (Selective agonists) (Jacques, L. (184) 9)

Vascular reactivity
Spontaneously hypertensive rat (SHR); Protein kinase C; Phorbol ester; H-7 (Shibata, R. (175) 261)

Vascular resistance
Artery; Norepinephrine; Peripheral resistance; Smooth muscle (vascular) (Nielsen, H. (179) 1)

Vascular responses
ω_3-Fatty acids; Docosahexaenoic acid; Fatty acids (n-3 polyunsaturated); Cardiovascular disease; (Fish oils) (Engler, M.B. (185) 223)

Vascular sensitivity
ANF (atrial natriuretic factor); Atrial peptides; Nitroglycerine (De León, H. (182) 171)

Vascular tissue
Renin-angiotensin system; Captopril; Delapril; Angiotensin II; (Anesthetized rat) (Mizuno, K. (184) 169)

Vas deferens
N-Ethylmaleimide; Clonidine; 2-Chloroadenosine; Idazoxan; FK 33-824; (mouse); (Stimulation parameters) (Kaschube, M. (178) 151)

Muscarinic M_1 receptors; Kinetics of blockade; Telenzepine enantiomers; (Rabbit) (Eltze, M. (180) 161)

σ Receptors; Rimcazole; SK&F 10,047, (+)-3-PPP (3-(3-hydroxyphenyl-N-(1-propyl)piperidine); (Mouse) (Kennedy, C. (181) 315)

Endothelin-1; Adrenergic neurotransmission; Smooth muscle; Felodipine (Wiklund, N.P. (185) 25)

α-Adrenoceptor antagonists; Corpus cavernosum; Corpus spongiosum; Prazosin; YM-12617; (Human) (Holmquist, F. (186) 87)

Acetaldehyde; Adrenergic transmission; Noradrenaline; Contractile responses (Takeda, R. (186) 189)

Acetaldehyde; Neuroeffector transmission; Excitatory junction potential (Takeda, R. (186) 197)

Vas deferens (mouse)
μ Opioid receptors; Tolerance; (pA_2) (Takemori, A.E. (174) 267)

Enkephalin analogs; Brain (rat); δ Opioid receptors (Vaughn, L.K. (177) 99)

Opioid affinity; β-Chlornaltrexamine; Ileum (guinea-pig) (Porreca, F. (179) 129)

Vas deferens (rat)
Neurokinin A; Substance P; Smooth muscle cells; K^+ currents (Nakazawa, K. (182) 189)

Neuropeptide Y (NPY); Pancreatic polypeptide; Pancreatic polypeptide receptors; Neuropeptide Y receptors; Peptide analogs (Jørgensen, J.C. (186) 105)

β-Adrenoceptors; Functional antagonism; Agonist dissociation constant; Efficacy (relative) (Diaz-Toledo, A. (191) 157)

Vasectomy
Acetylcholine; Noradrenaline; Prejunctional supersensitivity; Cauda epididymis (rat); (Denervation) (Ventura, S. (174) 227)

Vasoactive intestinal polypeptide (VIP)
Smooth muscle; Rectum; (Neurotransmitter); (Chicken) (Komori, S. (175) 21)

Cholecystokinin (CCK); Blood pressure; Renal nerve activity; Baroreflex (Koyama, S. (175) 245)

Enteric nerves; Phorbol 12,13-dibutyrate (Belai, A. (177) 103)

PHI (peptide histidine isoleucine); Coronary artery; Vasorelaxation (Itoh, H. (181) 199)

Choroid plexus; Sympathetic nerves; Presynaptic regulation; PHI (peptide histidine isoleucine); Neuropeptide Y (NPY) (Nilsson, C. (181) 247)

Small intestine (isolated); Jejunum; Ileum; Calcitonin gene-related peptide (CGRP); (Human) (Maggi, C.A. (185) 169)

Heart (dog); Ventricle (left); Atrium (right); Sinoatrial (SA) node; Vagus nerve (Karasawa, Y. (187) 9)

Gastric fundus (rat); N^G-Monomethyl-L-arginine (L-NMMA); L-Arginine; Nitric oxide (NO); Non-adrenergic, non-cholinergic transmission (Li, C.G. (191) 303)

Insulin secretion; Glucagon secretion; Peptide receptor antagonists; Gastrin-releasing peptide (GRP); Cholecystokinin (CCK); (Mouse); (In vivo) (Karlsson, S. (191) 457)

Vasoconstriction
α-Adrenoceptor blockade; β-Adrenoceptor blockade; Eye; Neuropeptide Y (NPY); Sympathetic nerve stimulation (Granstam, E. (175) 175)

Adenosine; Kidney; Adrenergic neurotransmission (Yoneda, H. (176) 109)

Kidney; α-Adrenoceptors; SGB-1534; Prazosin (Chiba, K. (176) 263)

Nicardipine; Nimodipine; Verapamil; Ca^{2+}-free medium; Cerebral arteries (Salom, J.B. (177) 1)

ω-Conotoxin; Sympathetic nerves; Tachycardia (Pruneau, D. (184) 127)

Endothelin-1; Spontaneously hypertensive rats (SHR); Vascular beds (MacLean, M.R. (190) 263)

Facial vein (simian); Cannula insertion method; Acetylcholine; Muscarinic receptor subtypes (Chiba, S. (191) 311)

Bronchoconstriction; Endothelin; Heart; Lung; Endothelin receptors (Hemsén, A. (191) 319)

Vasoconstrictor activity
Big endothelin; Endothelin receptor binding (Hirata, Y. (176) 225)

Vasoconstrictor responses
Prostaglandin $F_{2\alpha}$ potentiation; Endothelium; Ca^{2+} store (intracellular) (Aristegui, P.M. (184) 1)

Thromboxane receptor blockade; Vasodilator responses; Adrenergic transmission; Mesenteric vascular bed (Minkes, R.K. (179) 119)

Vasoconstrictors
Ganglionic blockade; Norepinephrine turnover; Arterial pressure (mean); α-Methyl-p-tyrosine (Kline, R.L. (184) 109)

Vasocontraction
Endothelin; Vasospasm; Cerebral artery; HA1077 (Asano, T. (190) 365)

Vasodilatation
Kidney (isolated, perfused); Renal cortex microvessel; Adenylate cyclase; Parathyroid hormone; Hypercalcemia of malignancy factor (Musso, M.-J. (174) 139)

β-Adrenoceptor antagonists; Carvedilol; Cutaneous vasculature; Labetalol (Willette, R.N. (176) 237)

Platelet-activating factor (PAF); Kidney; Albumin (Gerkens, J.F. (177) 119)

DPI 201-106; Inotropism; (Enantiomers) (Gérard, J.-L. (184) 321)

Vasodilatation (regional)
Endothelin-1; Spontaneously hypertensive rat (SHR); Intracarotid injection; Atrial natriuretic peptide (ANP) (Fozard, J.R. (180) 153)

Vasodilator responses
Thromboxane receptor blockade; Vasoconstrictor responses; Adrenergic transmission; Mesenteric vascular bed (Minkes, R.K. (179) 119)

Vasodilators
Ligustrazine; Pulmonary artery; Bronchial artery; (Human) (Liu, S. (191) 345)

Vasopressin
Imidazoline; Diuresis; Na^+ excretion (Blandford, D.E. (174) 181)

Bile salts; Taurocholate; Glycocholate; V_1 receptors (Kuhn, W.F. (175) 117)

GABA (γ-aminobutyric acid); Vagus; Picrotoxin; Blood pressure; Heart rate (Wible, Jr., J.H. (181) 215)

Urinary bladder; Denervation; (Rat) (Uvelius, B. (182) 549)

Oxytocin; SCH 23390; Neurotensin; Naloxone; Naloxone methobromide; Grooming behaviour (Van Wimersma Greidanus, T.B. (187) 1)

EGF (epidermal growth factor-urogastrone); Ciliary muscle; Prostaglandin E_1 (Yamaguchi, K. (191) 245)

Vasopressin analogues
Papaverine; Renal pelvis; Renal colic (Kimoto, Y. (175) 359)

Vasopressin analogues (radiolabelled)
Uterus (human); Oxytocin receptors; Vasopressin receptors; Oxytocin analogues (radiolabelled); Pregnancy (Tence, M. (191) 427)

Vasopressin mRNA (mouse)
Chronic ethanol; Plasma osmolality; Vasopressin (plasma); In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Vasopressin (plasma)
Vasopressin mRNA (mouse); Chronic ethanol; Plasma osmolality; In situ hybridization; Hypothalamus (Ishizawa, H. (189) 119)

Vasopressin receptors
Oxytocin receptors; Phosphatidylinositol turnover; Mammary gland; Uterus; L-365,209 (Pettibone, D.J. (188) 235)

Uterus (human); Oxytocin receptors; Vasopressin analogues (radiolabelled); Oxytocin analogues (radiolabelled); Pregnancy (Tence, M. (191) 427)

Vasorelaxation
VIP (vasoactive intestinal peptide); PHI (peptide histidine isoleucine); Coronary artery (Itoh, H. (181) 199)

Adenylate cyclase-cyclic AMP system; Precontraction levels; Methoxamine; (Canine veins) (Tsuru, H. (191) 447)

Vasorelaxation (rat aorta)
Antiplatelet agents; *Magnolia fargesii* (Chinese herb) (Yu, S.-M. (187) 39)

Vasospasm
Endothelin; 5-HT (5-hydroxytryptamine, serotonin); Arterial hypersensitivity; Endothelium (Macke Consigny, P. (186) 239)

Endothelin; Cerebral artery; Vasocontraction; HA1077 (Asano, T. (190) 365)

Venodilator effect
Capacitance vessels; Cardiotonic; Circulatory filling pressure (mean); MCI-154 (Satoh, N. (175) 317)

Venous compliance
β-Adrenoceptors; Circulatory filling pressure (mean); Ganglionic blockers; Hexamethonium (Abdelrahman, A. (190) 321)

Venous tissue
Arterial tissue; Potential-operated channels (POC); Receptor-operated channels (ROC); Cations; K^+-induced contractions; Agonist-induced contractions (Gouw, M.A.M. (185) 147)

Venous tone
Prazosin; Rauwolscine; α-Adrenoceptor antagonists; Hexamethonium; Circulatory filling pressure (mean) (D'Oyley, H.M. (182) 283)

Ventral striatum
Turning; SCH 23390; (−)-Sulpiride; YM-09151-2; cis(Z)-Flupentixol (Koshikawa, N. (178) 233)

GABA (γ-aminobutyric acid); Microdialysis; Striatum; Dorsolateral striatum; Fundus striati; Globus pallidus (Drew, K.L. (187) 385)

Ventricle
Endothelin-1; Hypertension; Brain (Gu, X.-H. (177) 205)

Ventricle (isolated)
β_1-Adrenoceptors; β_2-Adrenoceptors; Chronic treatment; Skeletal muscle; ^{125}I-Cyanopindolol; Adenylate cyclase; (Antagonists) (Elfellah, M.S. (173) 85)

Ventricle (left)
Heart (dog); Atrium (right); Sinoatrial (SA) node; Vagus nerve; Vasoactive intestinal peptide (VIP) (Karasawa, Y. (187) 9)

Verapamil
Nicardipine; Nimodipine; Ca^{2+}-free medium; Cerebral arteries; Vasoconstriction (Salom, J.B. (177) 1)

Dynorphin A; Body temperature; Barrel rolling; G_i-proteins; Pertussis toxin (Cavicchini, E. (180) 357)

Imipramine binding; Platelets; 5-HT transporter (Cohen, A. (181) 311)

Blood pressure; Ca^{2+} channel blockers; Carbon monoxide; Cardiac hypertrophy; Heart rate; Polycythemia; Spontaneously hypertensive rat (SHR) (Penney, D.G. (182) 29)

Phosphatidic acid; Polyphosphoinositides; PAF (platelet-activating factor, PAF-acether); Thrombin (Homa, S.T. (182) 457)

Cholinergic supersensitivity; Behaviour (submissive); Water competition (Pucilowski, O. (187) 507)

Ca^{2+} channel antagonist; Anipamil; Nifedipine; Sarcolemma; Mitochondria; Ca^{2+}; Myocardium; Ischemia (Ferrari, R. (189) 149)

Bepridil; Amiloride; Mg^{2+}; Na^+-Ca^{2+} exchange; Coronary artery (Maseki, T. (190) 355)

Vestibular compensation
NMDA (N-methyl-D-aspartate); NMDA receptor antagonists; CPP (3-((±)-2-carboxypiperazin-4-yl)-propyl-1-phosphonic acid); MK-801 (Darlington, C.L. (174) 273)

Vestibular dysfunctions
Semicircular canal; Phenazine methosulfate; Free radicals; Trimetazidine (Aubert, A. (174) 215)

Vigabatrin
Epilepsy; Glycine; GABA (γ-aminobutyric acid); EEG; (Rat) (Liu, Z. (182) 109)

Vinpocetine
Cognitive-enhancing effects; Locus coeruleus; Noradrenaline; Unit activity (Gaál, L. (187) 537)

Cerebro-cortical culture; Excitotoxic cell death; NMDA (N-methyl-D-aspartate); Quisqualate; Kainate; Glutamate (Erdö, S.L. (187) 551)

Bifemelane; Idebenone; Ca^{2+} channels; Oocytes (*Xenopus*); Brain; mRNA; (Guinea-pig) (Kaneko, S. (189) 51)

Vinylglycine
[^{3}H]Glycine; NMDA receptor; Glycine recognition site (Monahan, J.B. (189) 373)

Virus
Muscarinic receptors; Neuraminidase; Parainfluenza; Lung (Fryer, A.D. (181) 51)

Vitamin D_3 analogues
Embryonic angiogenesis; Chorioallantoic membrane; Anti-angiogenic activity (Oikawa, T. (178) 247)

Voltage clamp
Anti-epileptic drugs; Valproate; K^+ conductance; Node of Ranvier; (Voltage-dependent inhibition) (Van Erp, M.G. (184) 151)

L-Glutamic acid; Neuroblastoma; Excitatory amino acid (Van der Valk, J.B.F. (185) 99)

Myotonia; Skeletal muscle (human); K^+ channel openers; Membrane conductance (Quasthoff, S. (186) 125)

Voltage clamp technique
Acetylcholine; Halothane; Isoflurane; Anesthesia mechanisms (Sokoll, M.D. (173) 27)

Voltage clamp (whole-cell)
Norepinephrine; α_2-Adrenoceptors; Ca^{2+} currents; Sympathetic ganglion (Schofield, G.G. (180) 37)

Voltage dependence
Bradycardiac agents; Pacemaker currents; Use dependence; Frequency dependence; (Electrophysiology) (Van Bogaert, P.P. (187) 241)

Voltammetry (in vivo)
Amphetamine; Ascorbate; GBR 12909; Neostriatum; Quinpirole; SK&F 38393 (Pierce, R.C. (191) 295)

Volume loading
Thiorphan; Acetorphan; Spontaneously hypertensive rats (SHR); ANF (atrial natriuretic factor) (Bralet, J. (179) 57)

Von Willebrand factor
Endothelin; Plasminogen activator (tissue-type); Ca^{2+} channel antagonists; PAF (platelet-activating factor, PAF-acether); (Secretion) (Pruis, J. (187) 105)

V_1 receptors
Vasopressin; Bile salts; Taurocholate; Glycocholate (Kuhn, W.F. (175) 117)

WAG/Rij rat (inbred strain)
Tolerance; Diazepam; Ro15-1788; Epilepsy (non-convulsive) (Peeters, B.W.M.M. (178) 111)

Water absorption
Neurotensin; Neuromedin-N; Small intestine (Spokes, R.A. (175) 43)

Water competition
Cholinergic supersensitivity; Behaviour (submissive); Verapamil (Pucilowski, O. (187) 507)

Wet-dog shakes
4-Aminopyridine; Dihydropyridines; Ca^{2+}; Hippocampus; Limbic seizures (Fragoso-Veloz, J. (178) 275)

5-Hydroxytryptophan (5-HTP); Tryptophan; 5-HT_2 receptors; (Receptor regulation) (Koshikawa, N. (178) 365)

WIN 44,441-3
U-50,488H; κ Opioid receptors; Dorsal horn cells; Noxious stimulation; Analgesia (Hernández, A. (186) 323)

Analgesia; Formalin test; Pain; U-50,488H; Naloxone; κ Opioid receptors; Spinal cord (Pelissier, T. (190) 287)

Wistar-Kyoto rat (WKY)
Spontaneously hypertensive rats (SHR); Hypothalamus; Norepinephrine release; Neuropeptide Y (NPY); Hypertension (Tsuda, K. (182) 175)

Baroreceptor heart rate reflex; Bezold-Jarisch reflex; Ketanserin; Vagal afferents; Spontaneously hypertensive rats (SHR) (Widdop, R.E. (186) 17)

CGRP (calcitonin gene-related peptide); Norepinephrine release; Medulla oblongata; Spontaneously hypertensive rats (SHR) (Tsuda, K. (191) 101)

Withdrawal
Morphine; Electrical stimulation; Motor activity (Dougherty, P.M. (175) 187)

CCK-8 receptors; Benzodiazepine receptors; Diazepam (chronic); Tolerance (Harro, J. (180) 77)

Benzodiazepines; Dependence; Ondansetron (GR38032F); 5-HT_3 receptors; (Rat) (Goudie, A.J. (185) 179)

Withdrawal seizures
Ethanol dependence; MK-801; NMDA (N-methyl-D-aspartate); Ca^{2+} channels; (Mouse) (Grant, K.A. (176) 289)

WL 19
Angiotensin II binding sites (subtypes); DuP 753; Brain; Autoradiography; (Rat) (Gehlert, D.R. (187) 123)

Writhing test
Analgesia; Hot-plate test; Tail-flick test; Naloxone blockade (Domer, F. (177) 127)

Xamoterol
Haemodynamic effects; Metabolic effects; (Exercising dogs) (Fischer, G. (177) 19)

***Xenopus* oocyte**
Glutamate receptors; In situ hybridization; Kainic acid; Hippocampus (Gall, C. (189) 217)

Xerostomia
Receptor systems; Atropine; Antidepressant drugs; Cytosolic, free Ca^{2+}; (Competitive inhibition) (Dissing, S. (177) 43)

Yawning behaviour
Dopamine receptor agonists; N-0437; Stereoisomers; Food consumption (Timmerman, W. (174) 107)

Yin-Yang hypothesis
Lithium; cAMP; cGMP; Phosphodiesterase; Physostigmine (Harvey, B. (175) 129)

YM796
Muscarinic acetylcholine receptor agonists; YM954; Muscarinic M_1 receptors; Muscarinic M_2 receptors; Learning behaviour (Wanibuchi, F. (187) 479)

YM954
Muscarinic acetylcholine receptor agonists; YM796; Muscarinic M_1 receptors; Muscarinic M_2 receptors; Learning behaviour (Wanibuchi, F. (187) 479)

YM-09151-2
Turning; Ventral striatum; SCH 23390; (−)-Sulpiride; cis(Z)-Flupentixol (Koshikawa, N. (178) 233)

[^{3}H]YM-09151-2
[^{3}H]Raclopride; [^{3}H]Spiperone; Dopamine D-2 receptors; (Binding assay) (Terai, M. (173) 177)

YM-12617
α-Adrenoceptor antagonists; Corpus cavernosum; Corpus spongiosum; Prazosin; Vas deferens; (Human) (Holmquist, F. (186) 87)

YM-14673
TRH (thyrotropin-releasing hormone); Dopamine systems; Behaviour (Yamamoto, M. (180) 319)

TRH (thyrotropin-releasing hormone); Ischemic anoxia; Neurological deficits; Brain edema; Neuronal degeneration; (Rat) (Yamamoto, M. (181) 207)

Yohimbine
α-Adrenoceptors; cAMP; Cerebral cortex (rat); Norepinephrine; Clonidine (Kuno, N. (176) 281)

Epilepsy; El mice; Clonidine; α_1-Adrenoceptors; α_2-Adrenoceptors (Tsuda, H. (176) 321)

Tonic electrodermal activity; Prazosin; Monoamine depletion; Spinal cord; α-Adrenoceptors (CNS); Sudomotor mechanisms (Koss, M.C. (182) 381)

Cerebral artery (bovine); Adrenoceptor function (heterogeneity of); Prazosin; α_1-Adrenoceptors (Ayajiki, K. (191) 417)

[^{3}H]Yohimbine
Platelets; α_2-Adrenoceptors (platelet); Levodopa (Durrieu, G. (182) 597)

[^{3}H]Yohimbine binding
[^{3}H]Idazoxan binding; Kidney; Brain; (Differential regulation); (Rabbit) (Yakubu, M.A. (176) 305)

Zacopride
Benzamides; 5-HT_3 receptors; Stereoisomers; Intestine (small); Vagus nerve; (Human) (Pinkus, L.M. (179) 231)

[^{3}H]Zacopride
5-HT_3 receptors; Autoradiography; Brain (rat); Limbic system; Anxiety (Waeber, C. (181) 283)

(S)-[^{3}H]Zacopride
5-HT_3 binding sites; Sodium cholate; $(NH_4)_2SO_4$; (Solubilization) (Gordon, J.C. (188) 313)

Zaprinast
Nitrovasodilators; Phosphodiesterase inhibitors; Atrial natriuretic peptide (ANP); Spontaneously hypertensive rats (SHR); (Blood pressure) (Dundore, R.L. (185) 91)

Zimelidine
5-HT (5-hydroxytryptamine, serotonin); d-Fenfluramine; Brofaromine; Dorsal raphe; Food intake (Fletcher, P.J. (184) 265)

Zinc chelates
[^{3}H]Imipramine binding; Depression; Endacoids; 5-HT uptake (Artigas, F. (181) 9)

Zinc salts
Gastric ulceration; Gastric cytoprotection; Gastric mucosal barrier; Gastric mucus (Bravo, L. (190) 59)

ZK 93 426
2-Deoxyglucose; Benzodiazepine receptors; β-Carboline; Learning; (Rat) (Sarter, M. (177) 155)

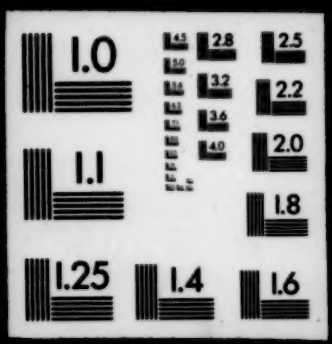
Zn^{2+}
Cortical neurons; Somatostatin; NMDA receptors; D-Serine; Kynurenic acid (Tapia-Arancibia, L. (186) 319)

Zolpidem
Reticulata cells (rat); Single neurons activity; Alpidem; Benzodiazepine receptor subtypes (type I, type II) (Mereu, G. (179) 339)

Quazepam; Brotizolam; Zopiclone; Anticonvulsants; Depressant effects (central); Food intake (mouse); Benzodiazepine ω_1 receptor sites; (Intrinsic activity) (Perrault, G. (187) 487)

Zopiclone
Quazepam; Brotizolam; Zolpidem; Anticonvulsants; Depressant effects (central); Food intake (mouse); Benzodiazepine ω_1 receptor sites; (Intrinsic activity) (Perrault, G. (187) 487)

Zuclopenthixol (intermittent)
Tardive dyskinesia; Oral dyskinesia; Haloperidol (intermittent); Sensitization (pharmacological); Drug holidays (rat); (Animal models) (Glenthøj, B. (190) 275)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